

0.6. Fig: 5
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10073506-021102

FIG.1

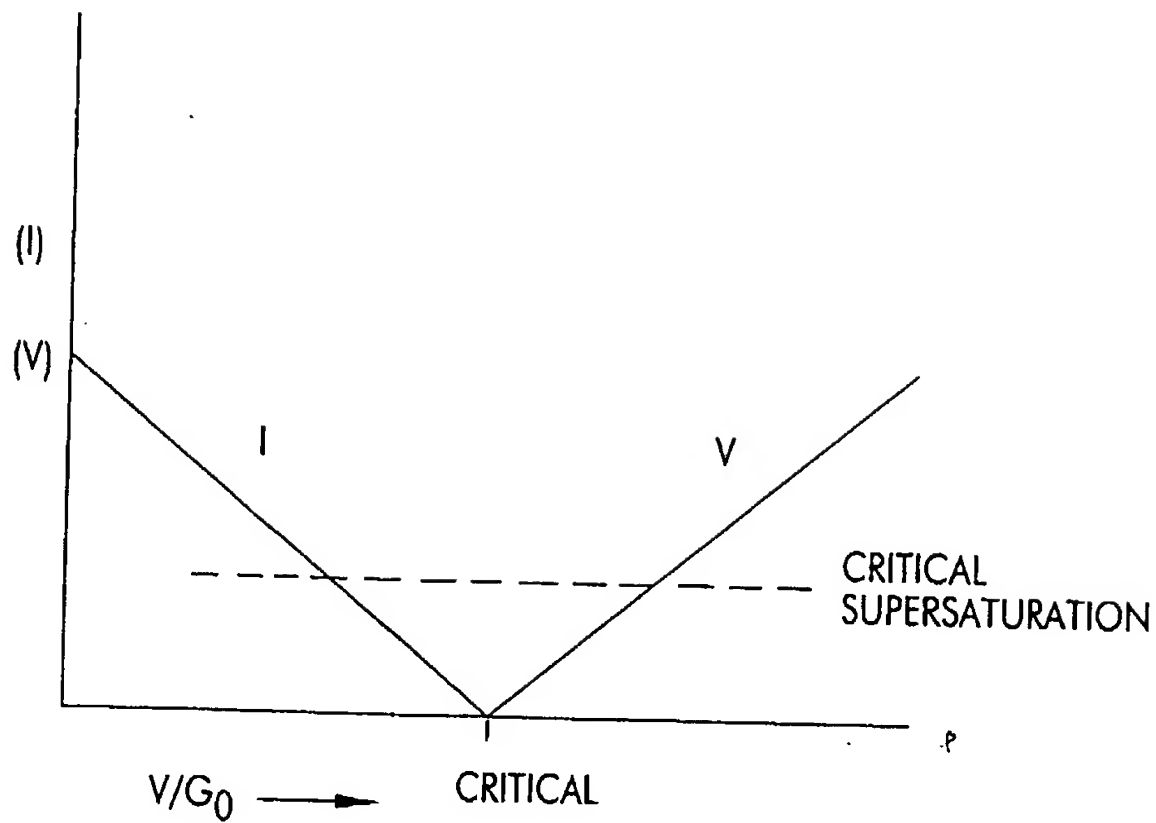
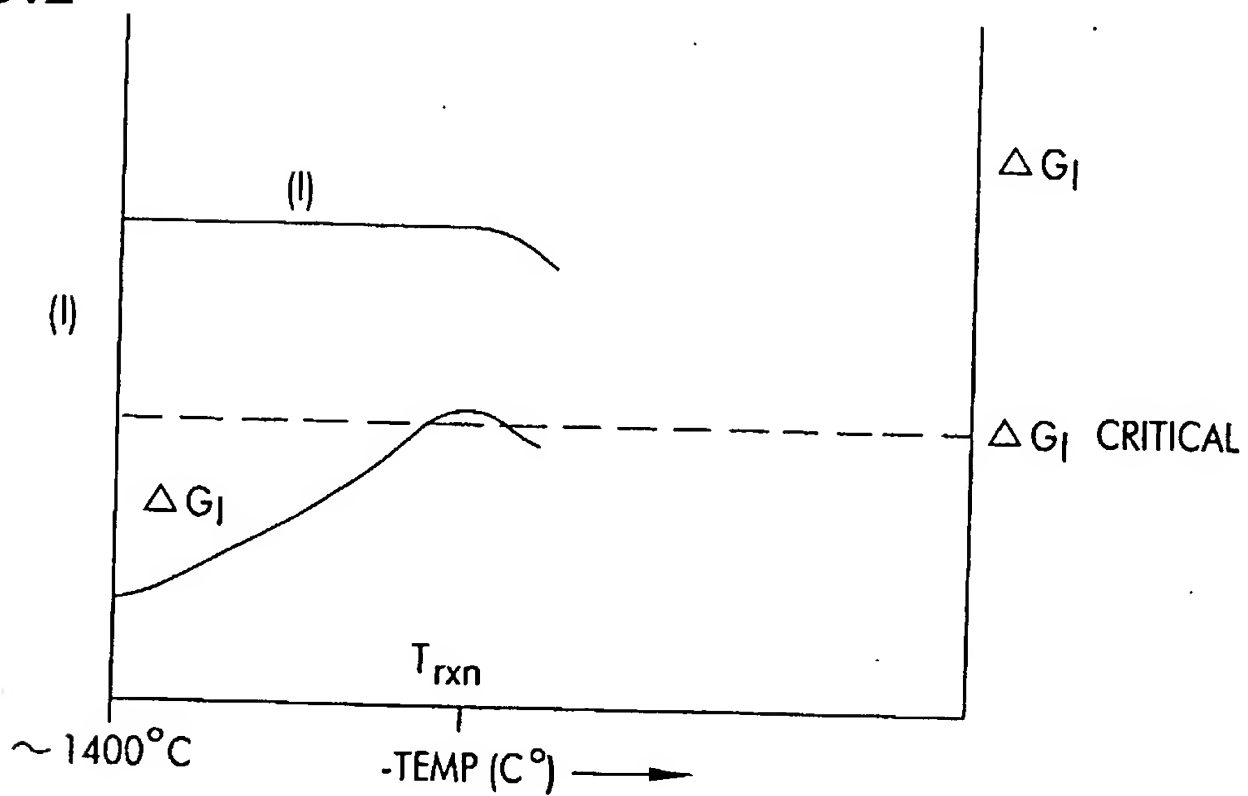


FIG.2



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FIG.3

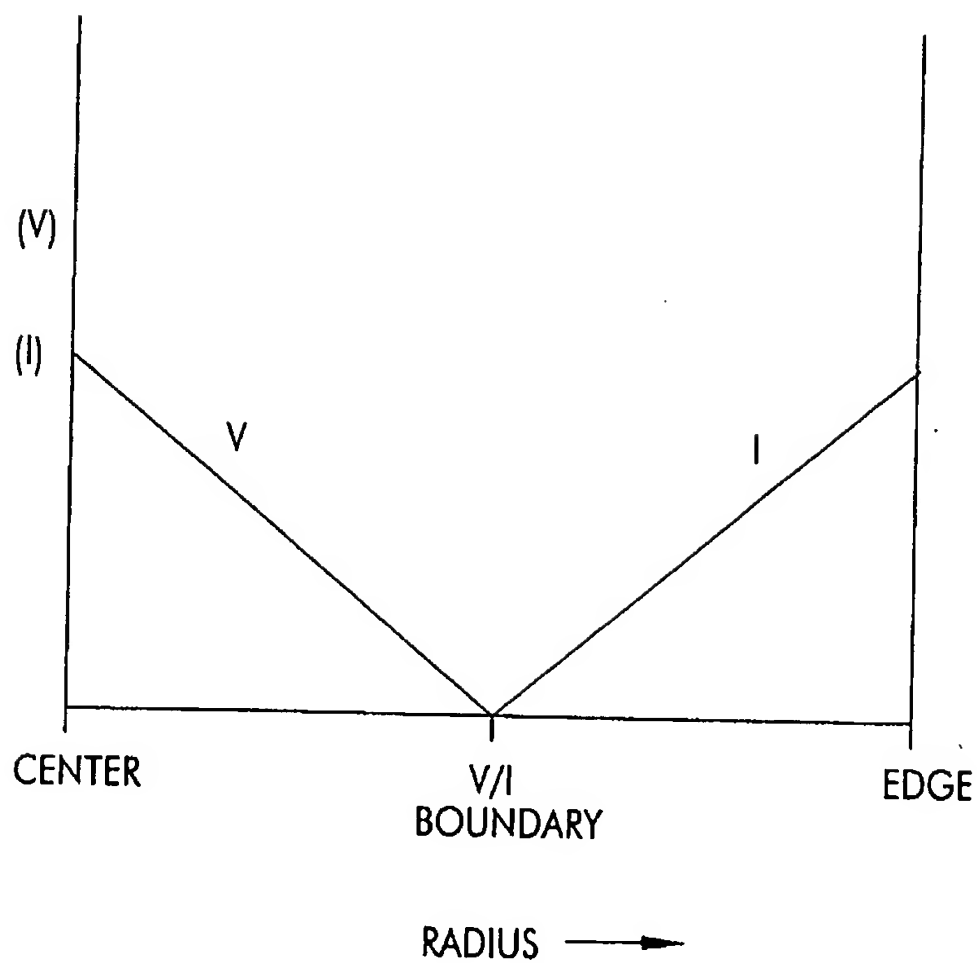
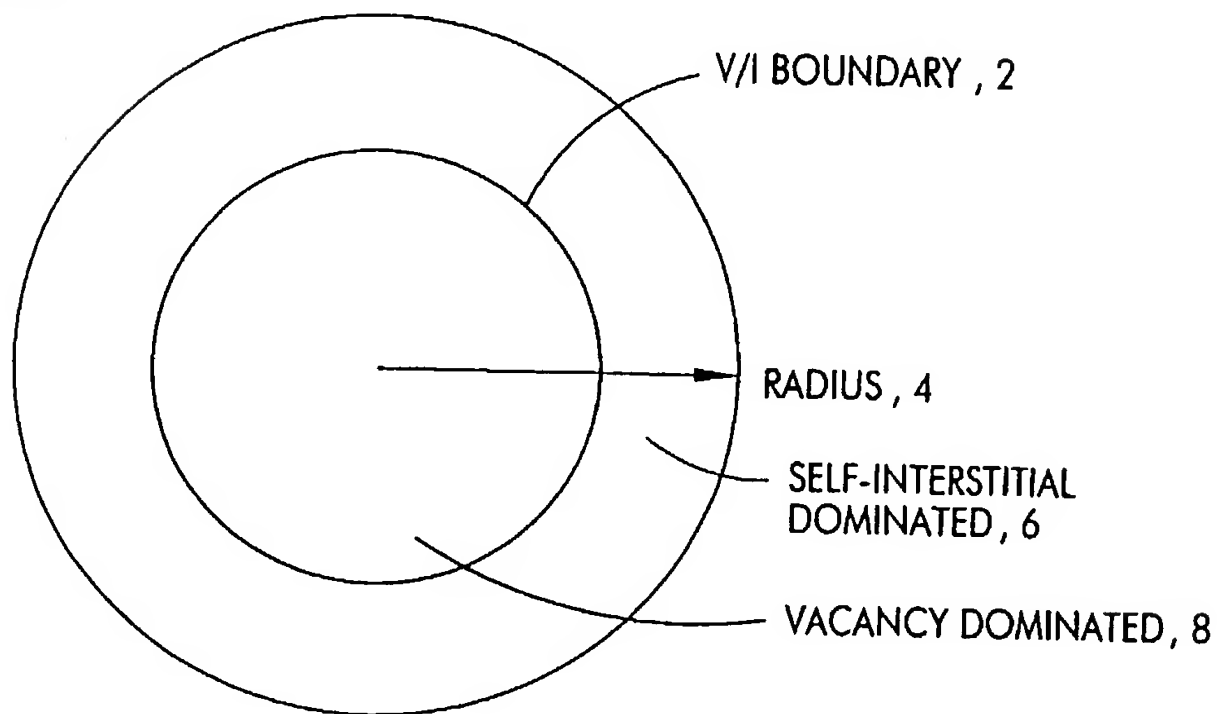


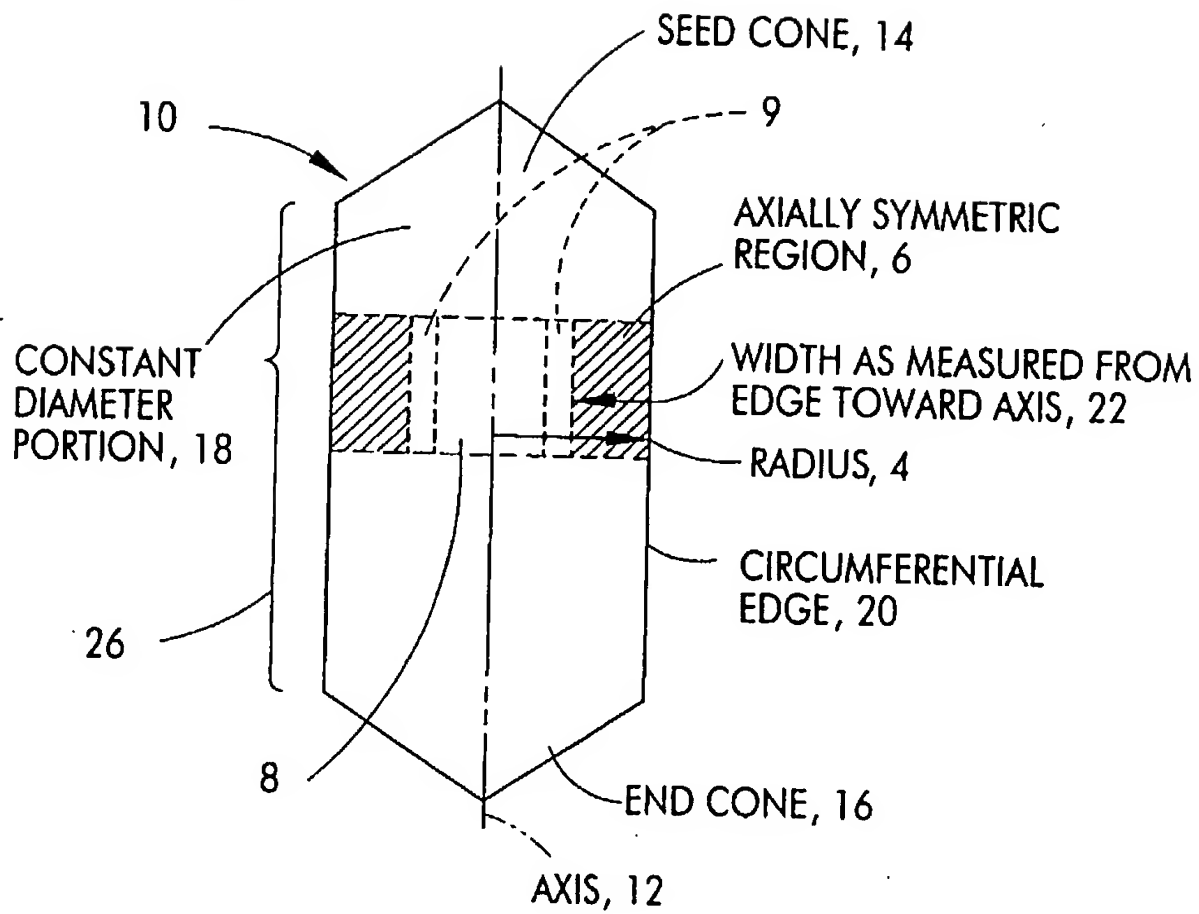
FIG.4



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FIG.5



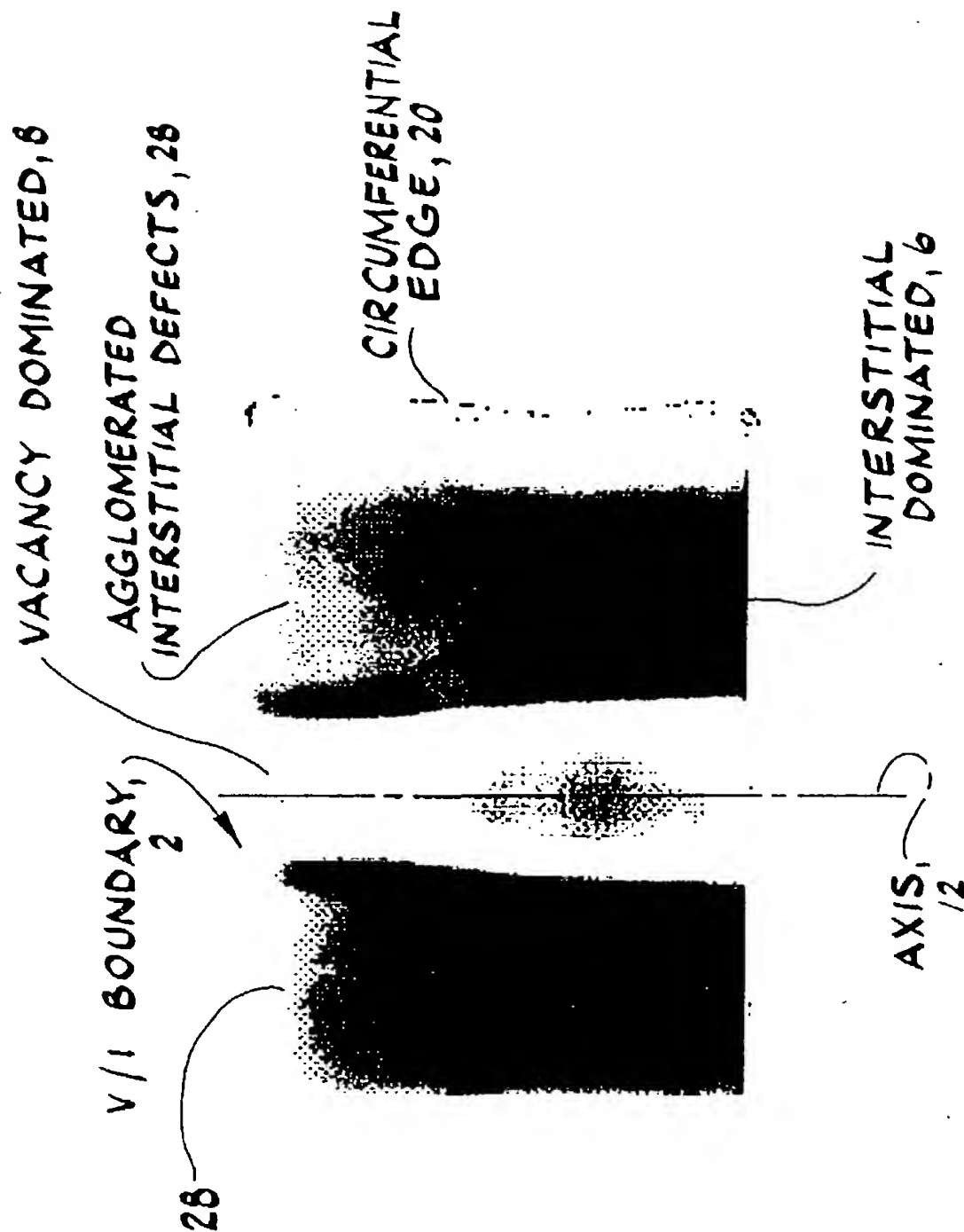
20170906 1024102

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FIG. 6

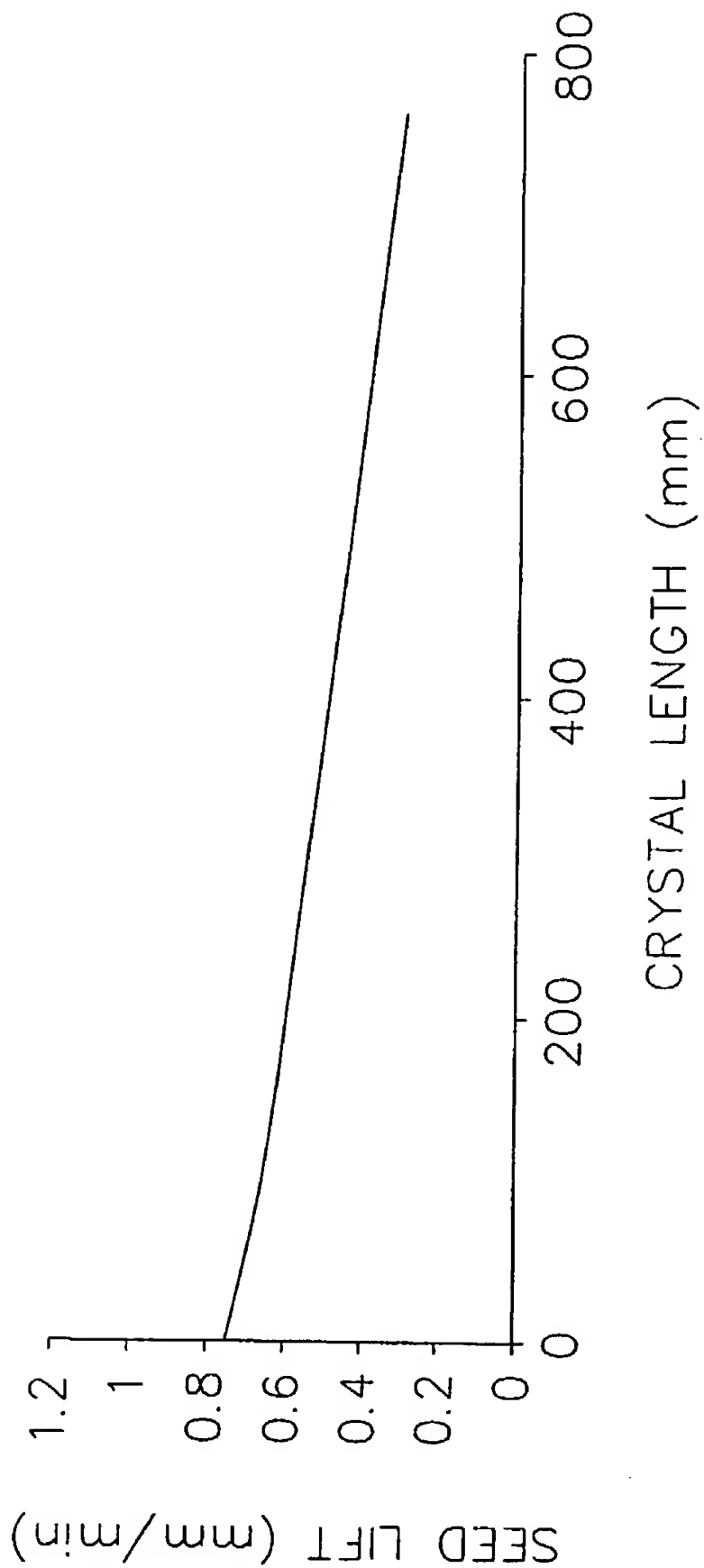


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FIG. 7

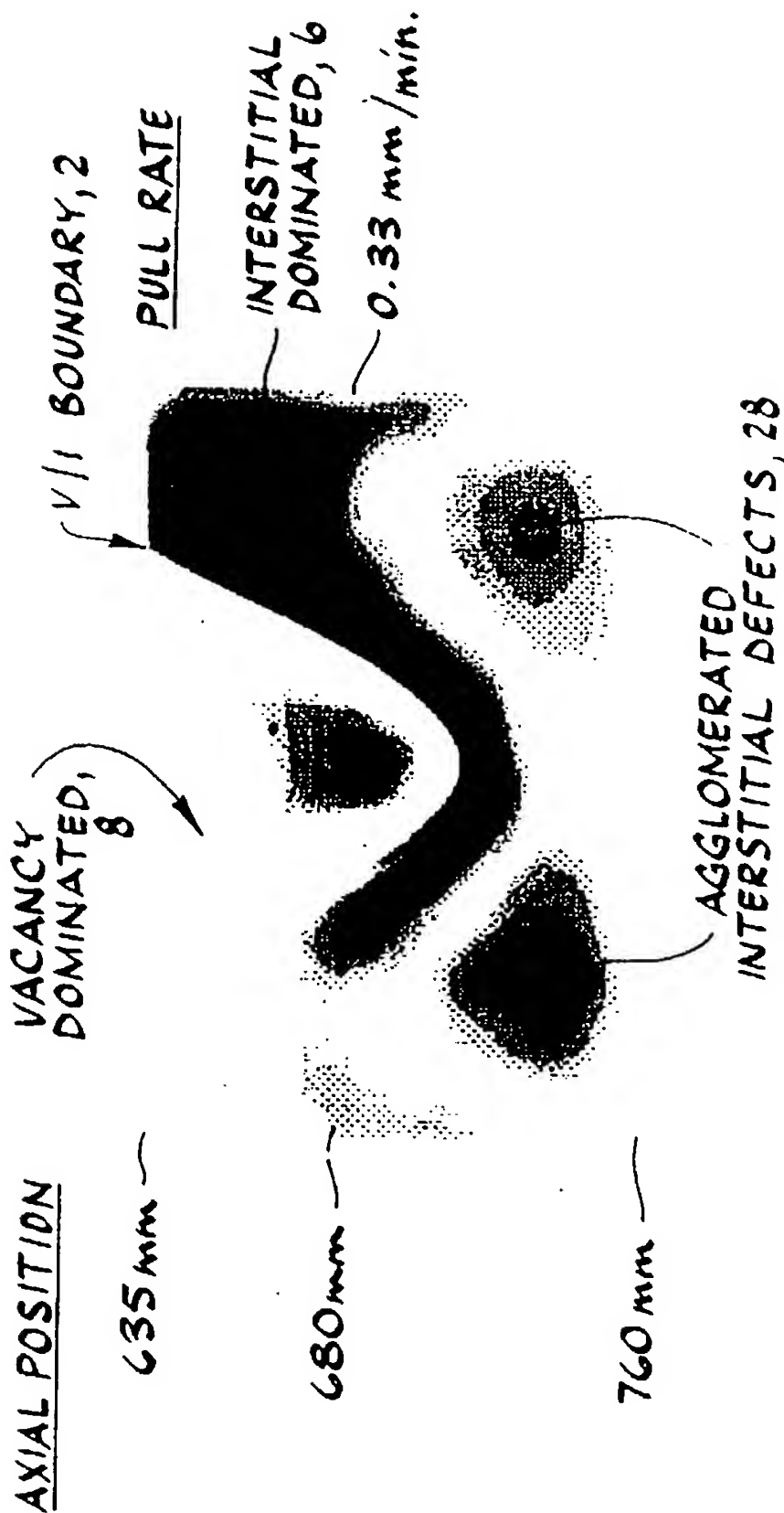


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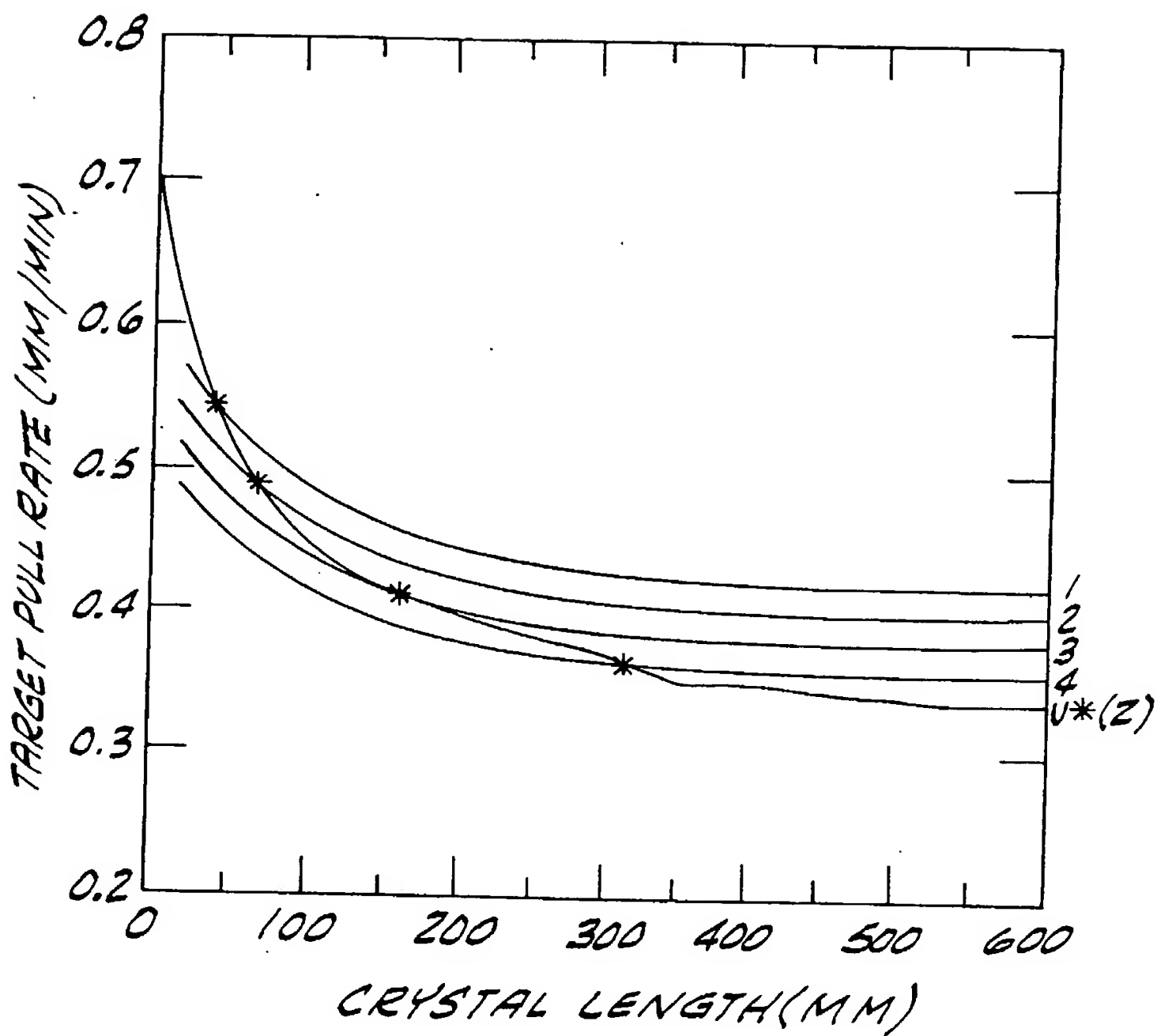
FIG. 8



O.G. Fig: 5
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FIG. 9



OG Fig. 5
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FIG. 10

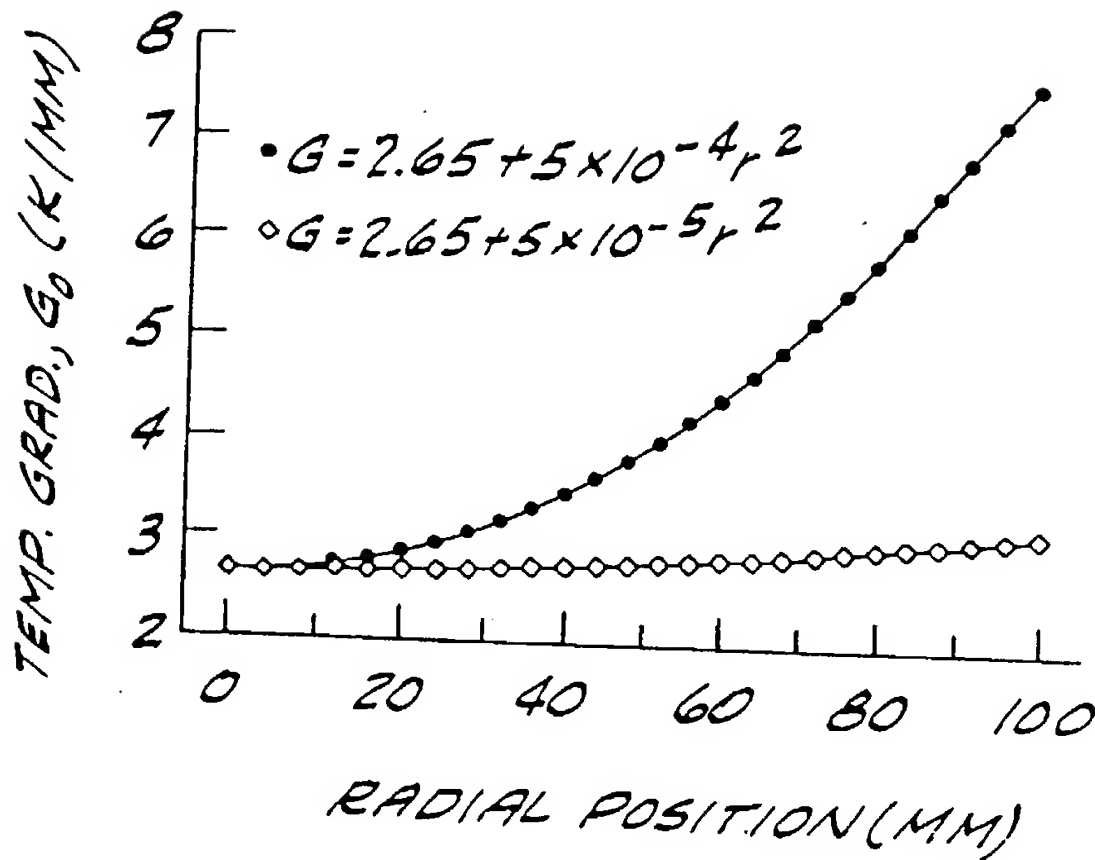
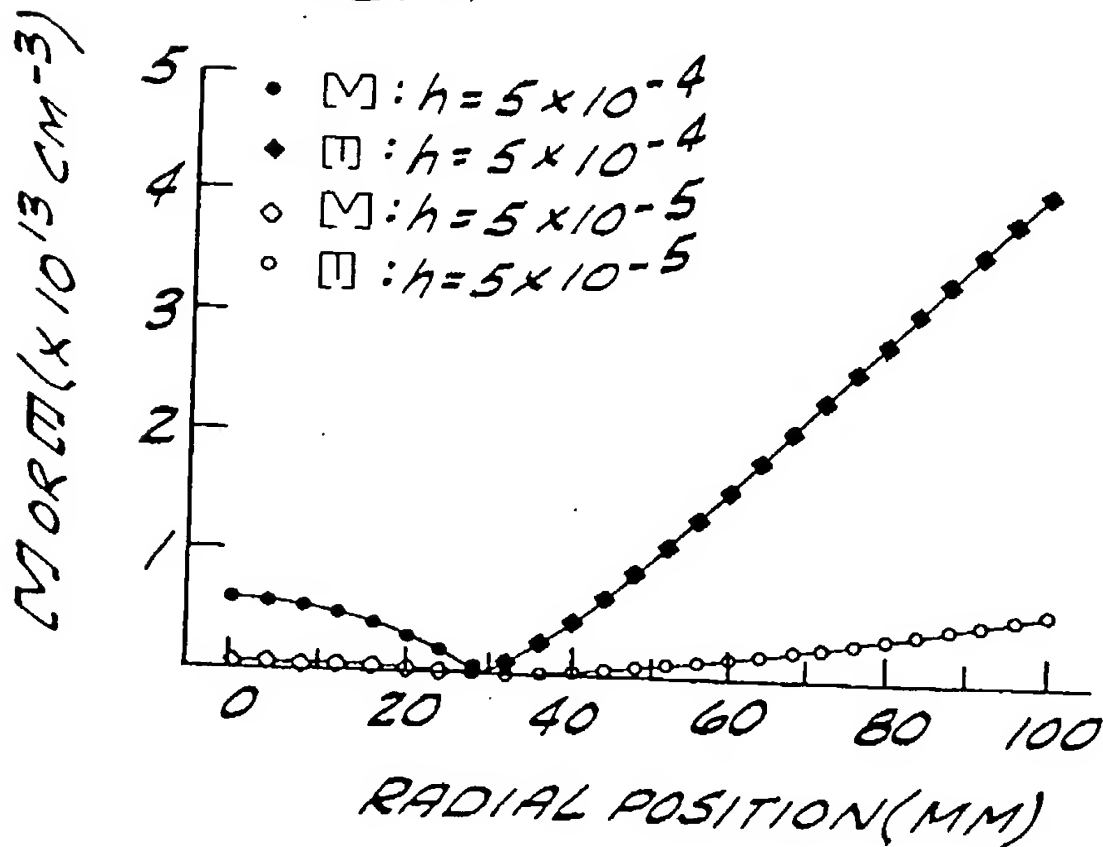


FIG. 11



O.G. Fig: 5
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FIG. 12

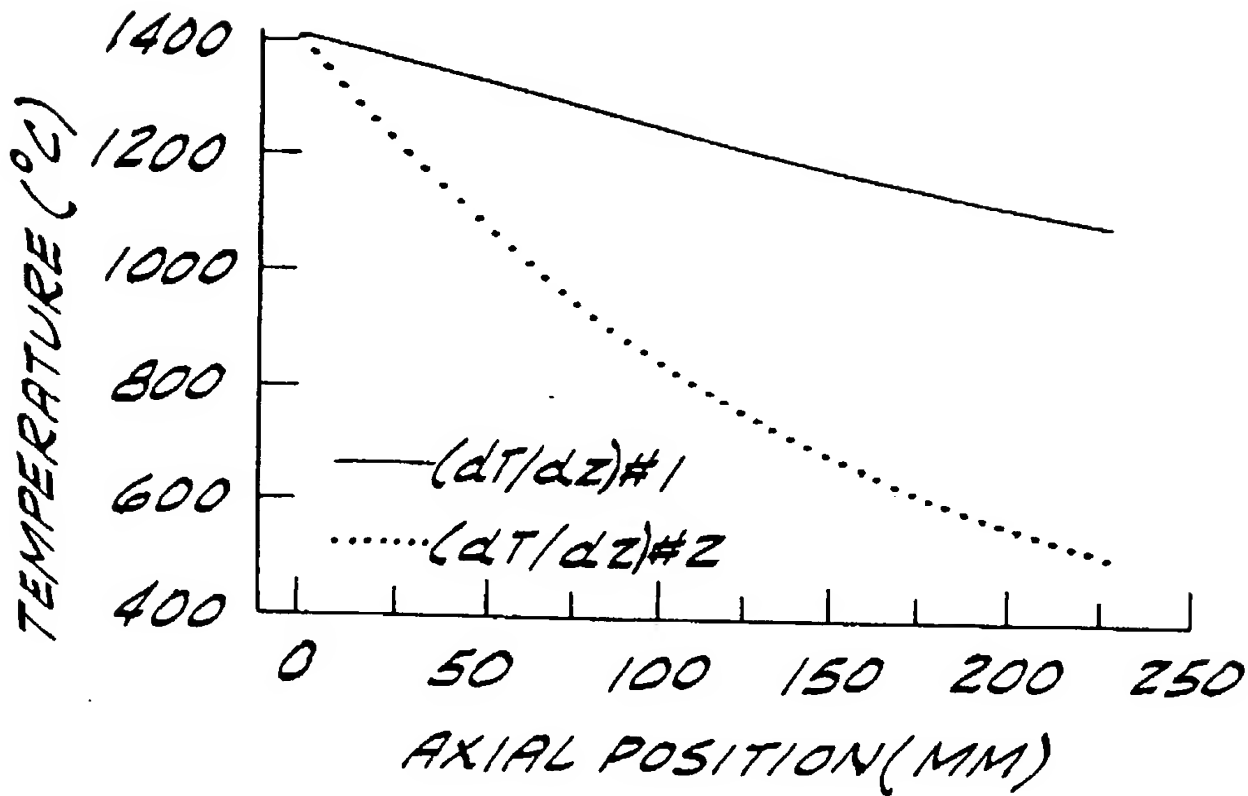
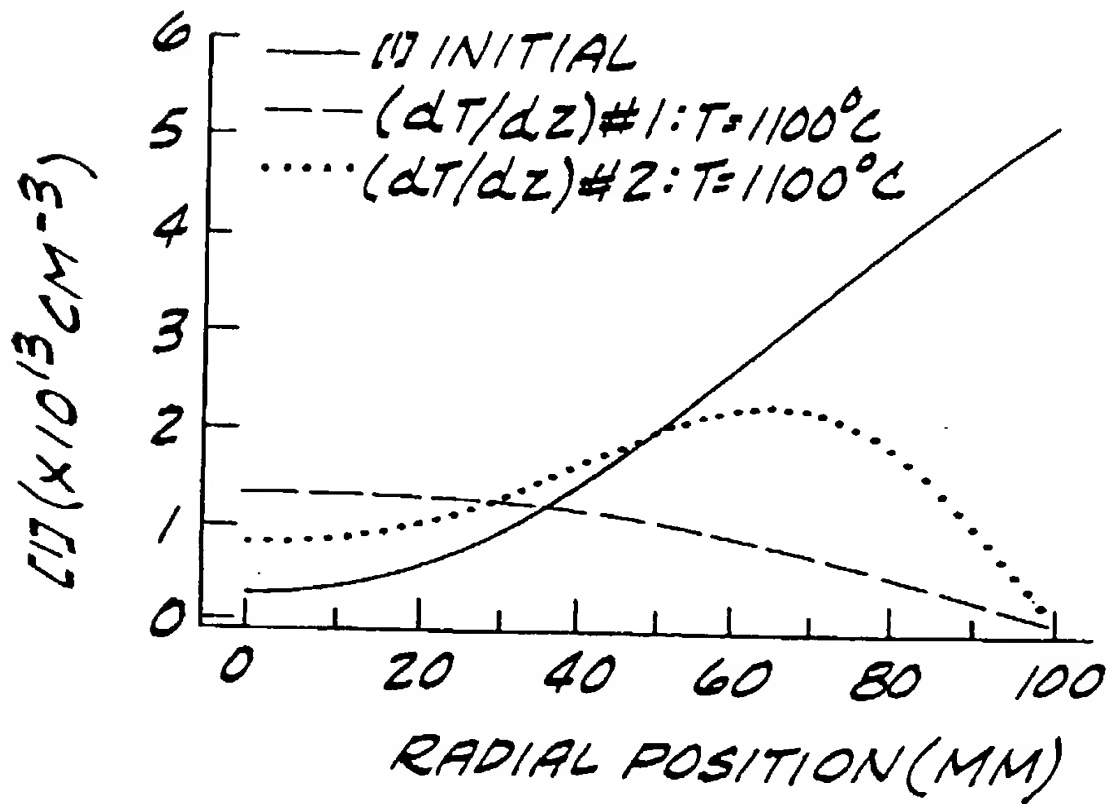


FIG. 13



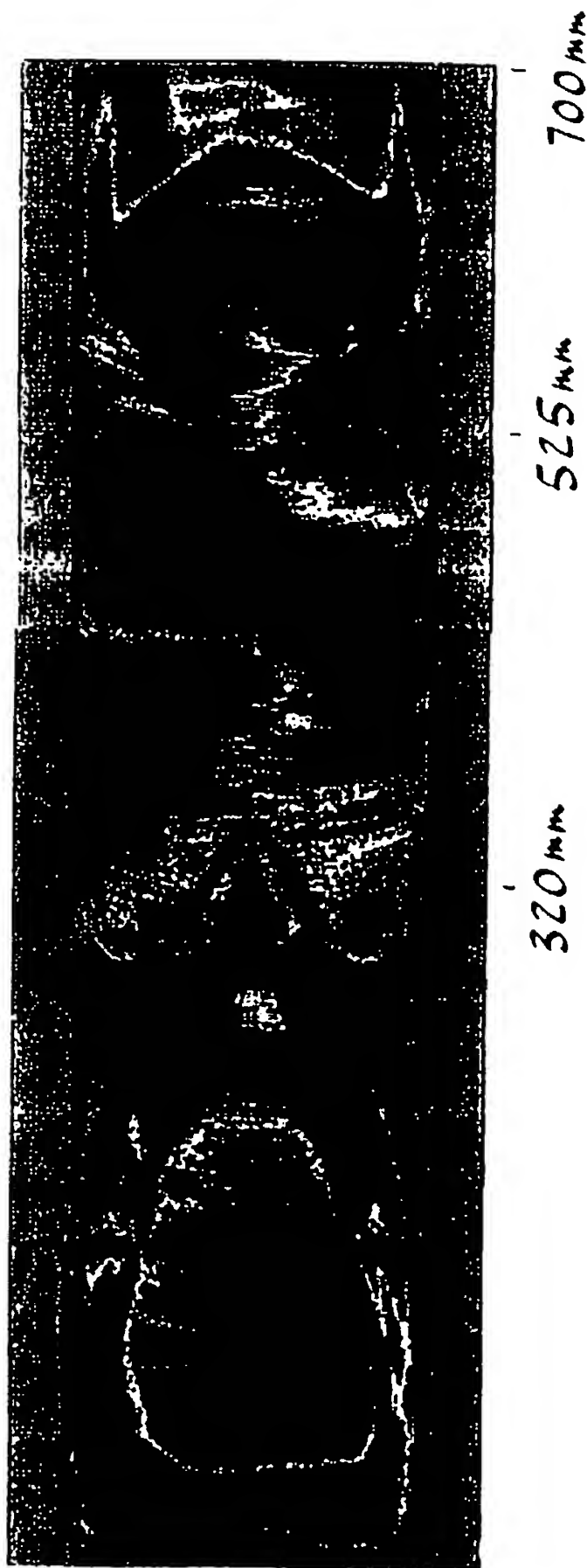
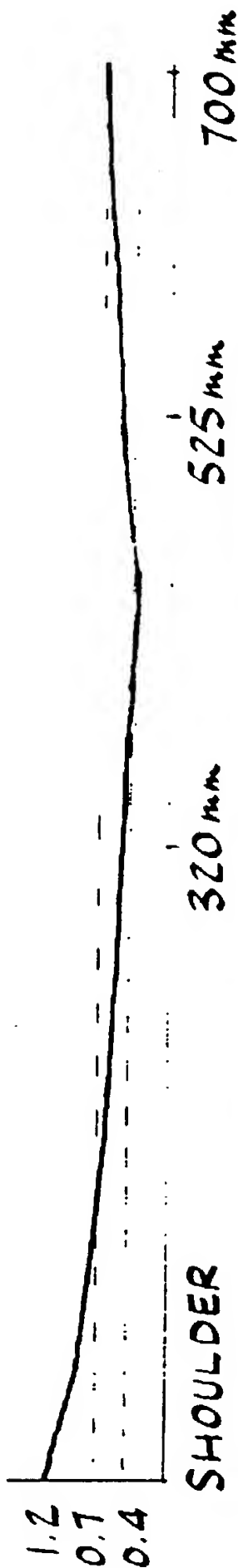
0.6. Fig: 5
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FIG. 14

SEED LIFT (mm/min.)



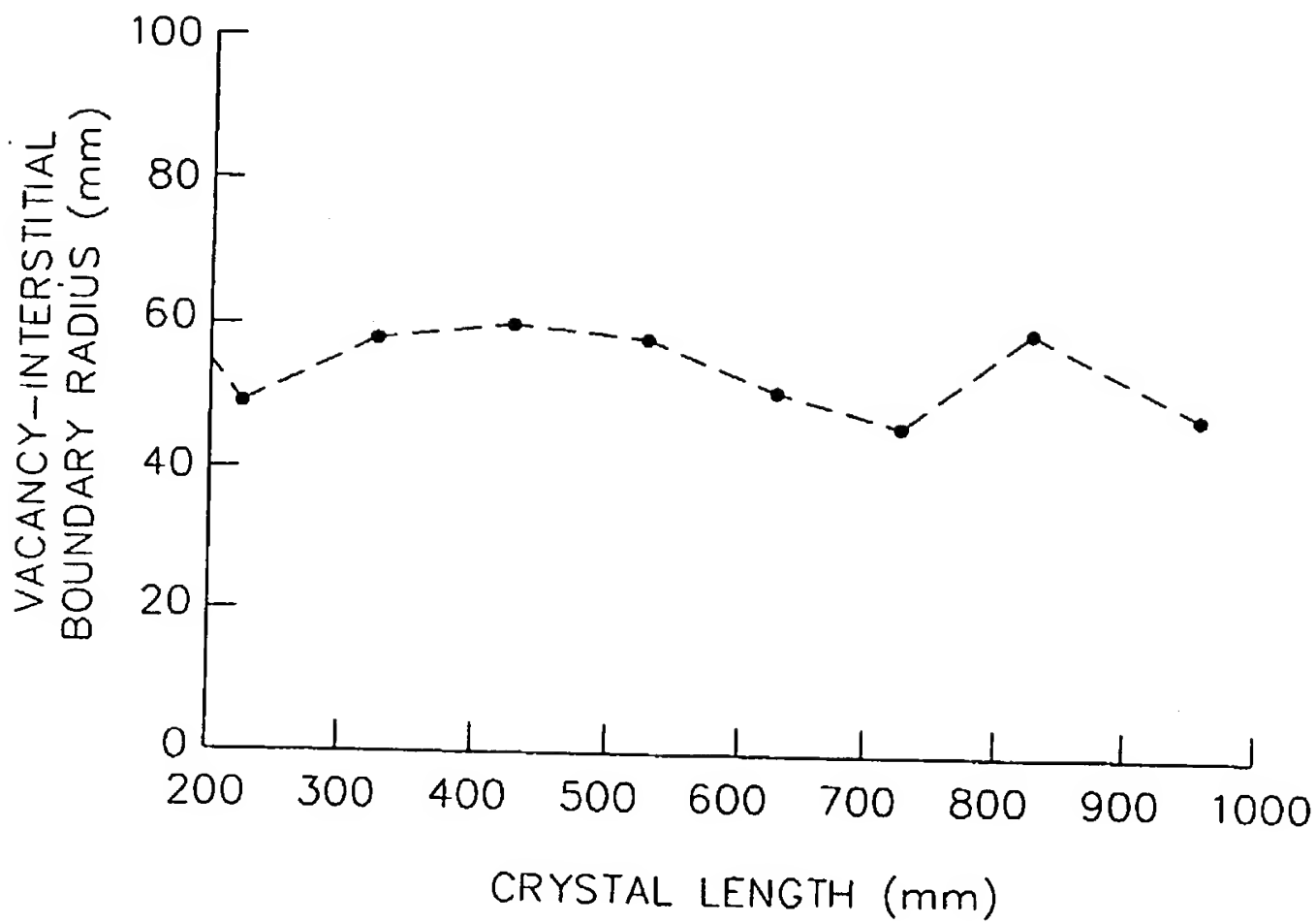
0.6 Fig: 5
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FIG. 15

REF ID: A55200

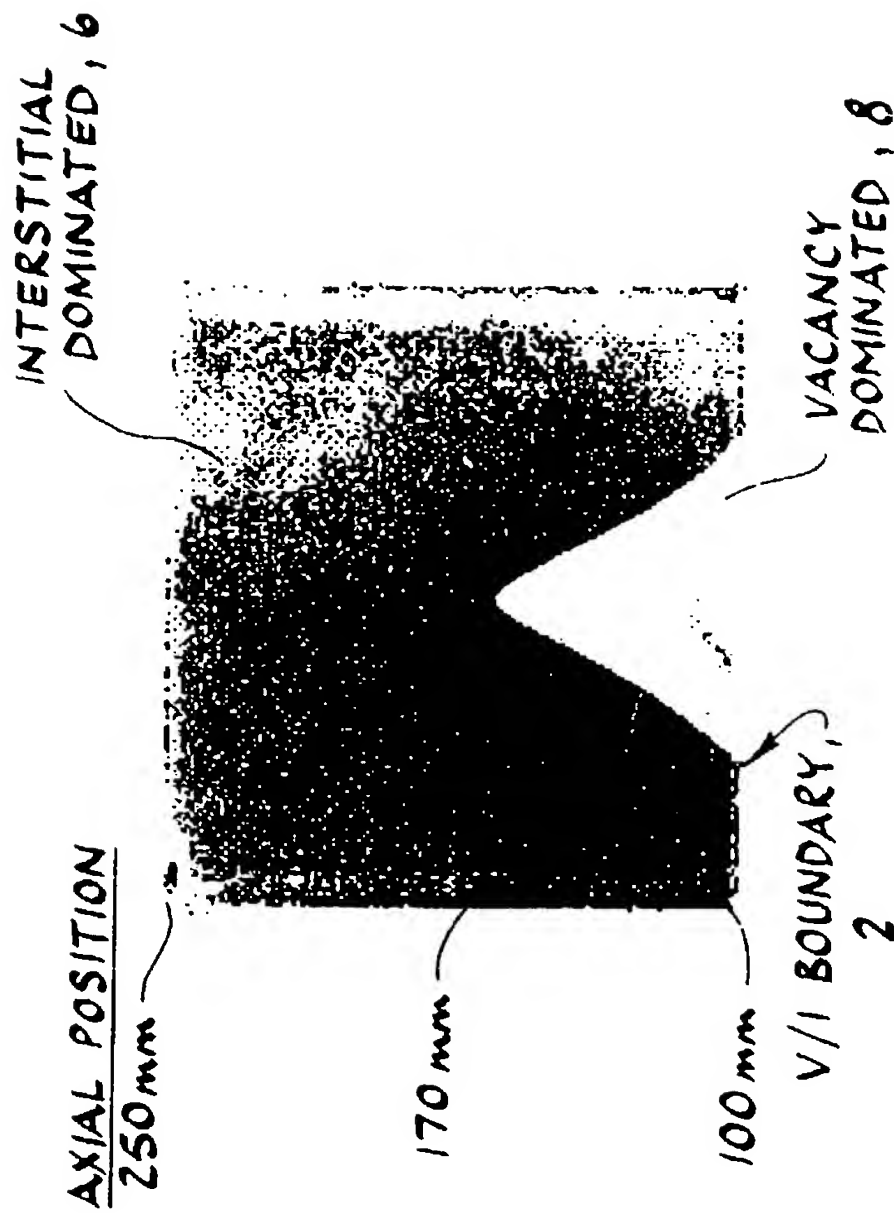


0.6. Fig: 5
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REF ID: A552001

FIG. 16a

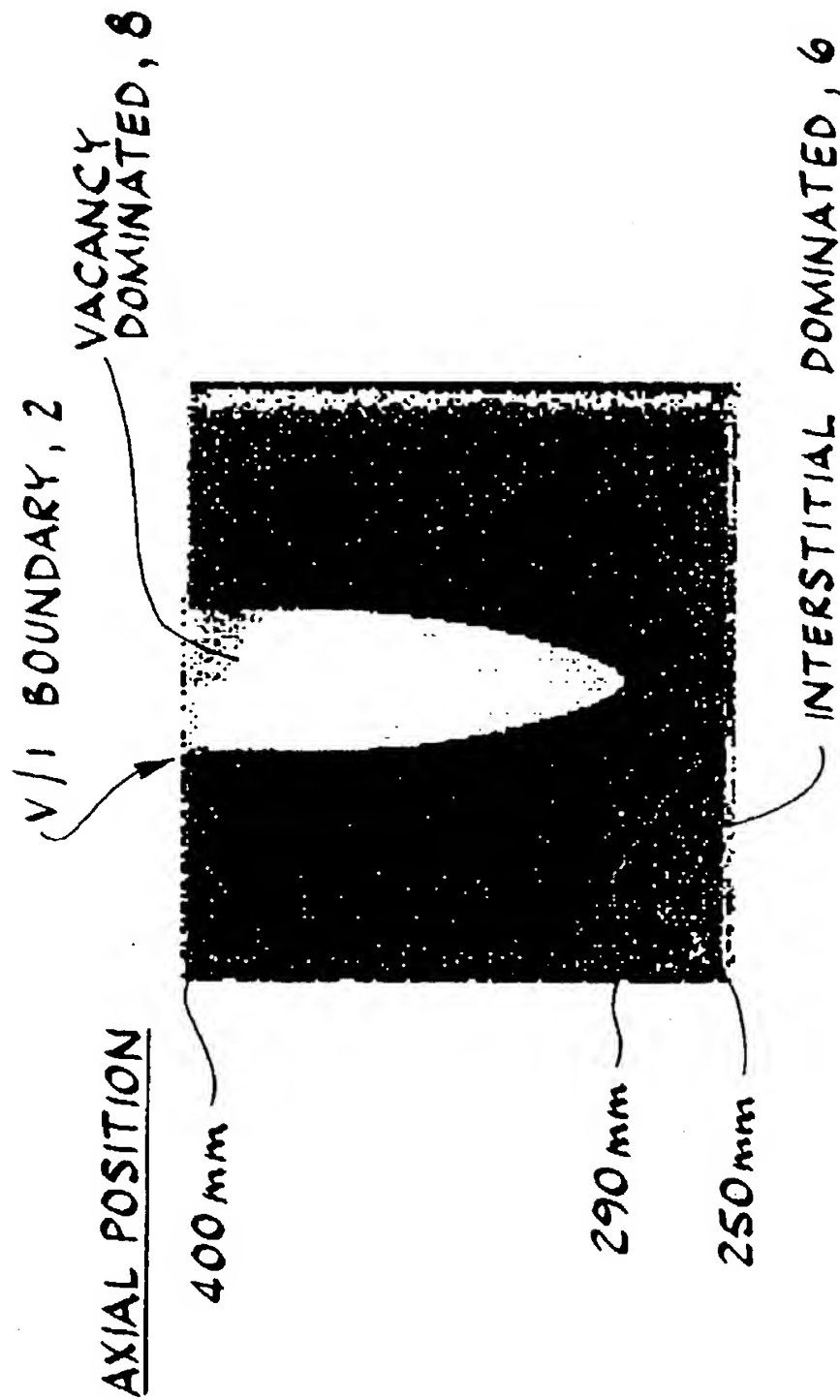


O.G. Fig. 5
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REF ID: A55200

FIG. 16b

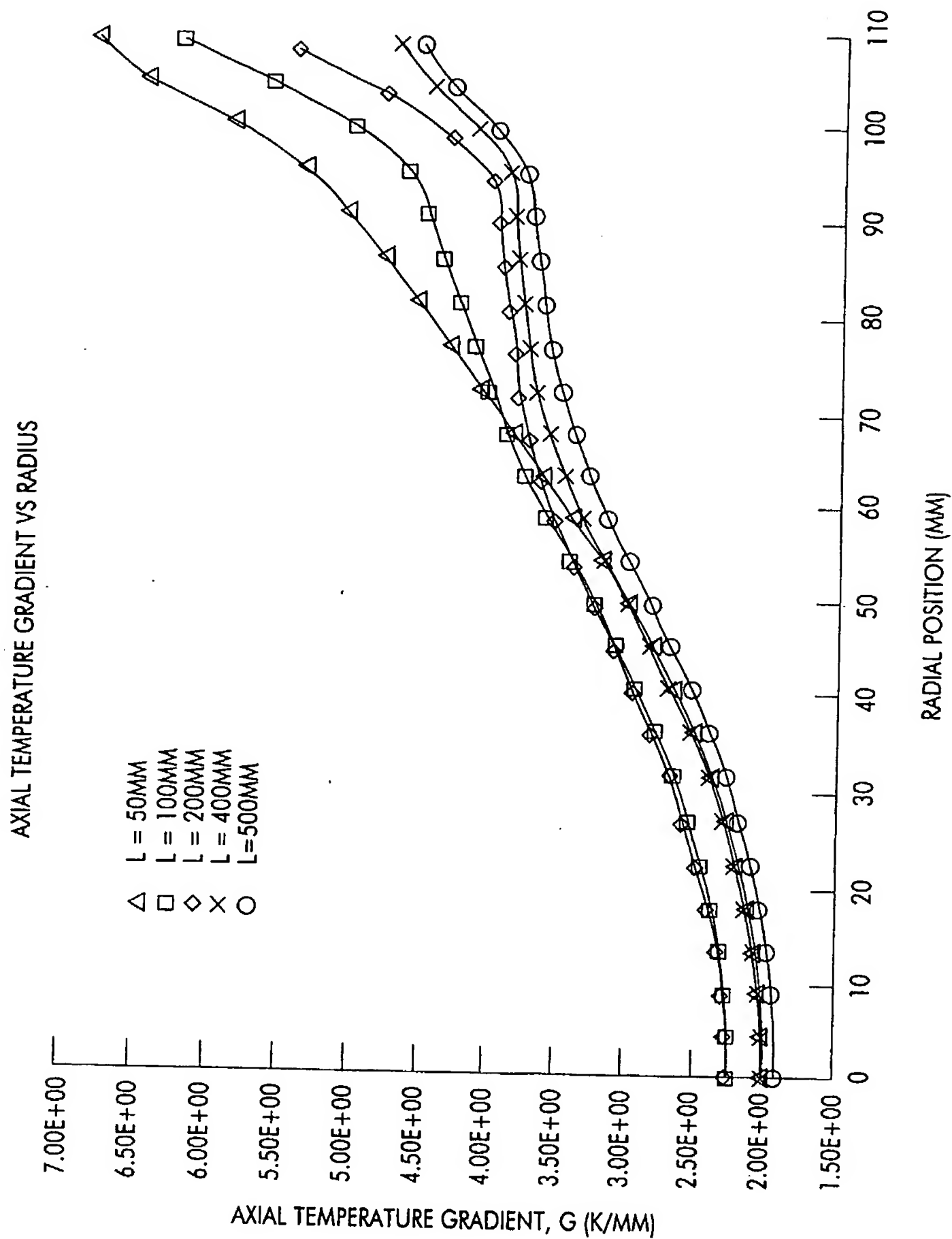


O.G. Fig: 5
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FIG.17



O.G. Fig-5
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FIG.18

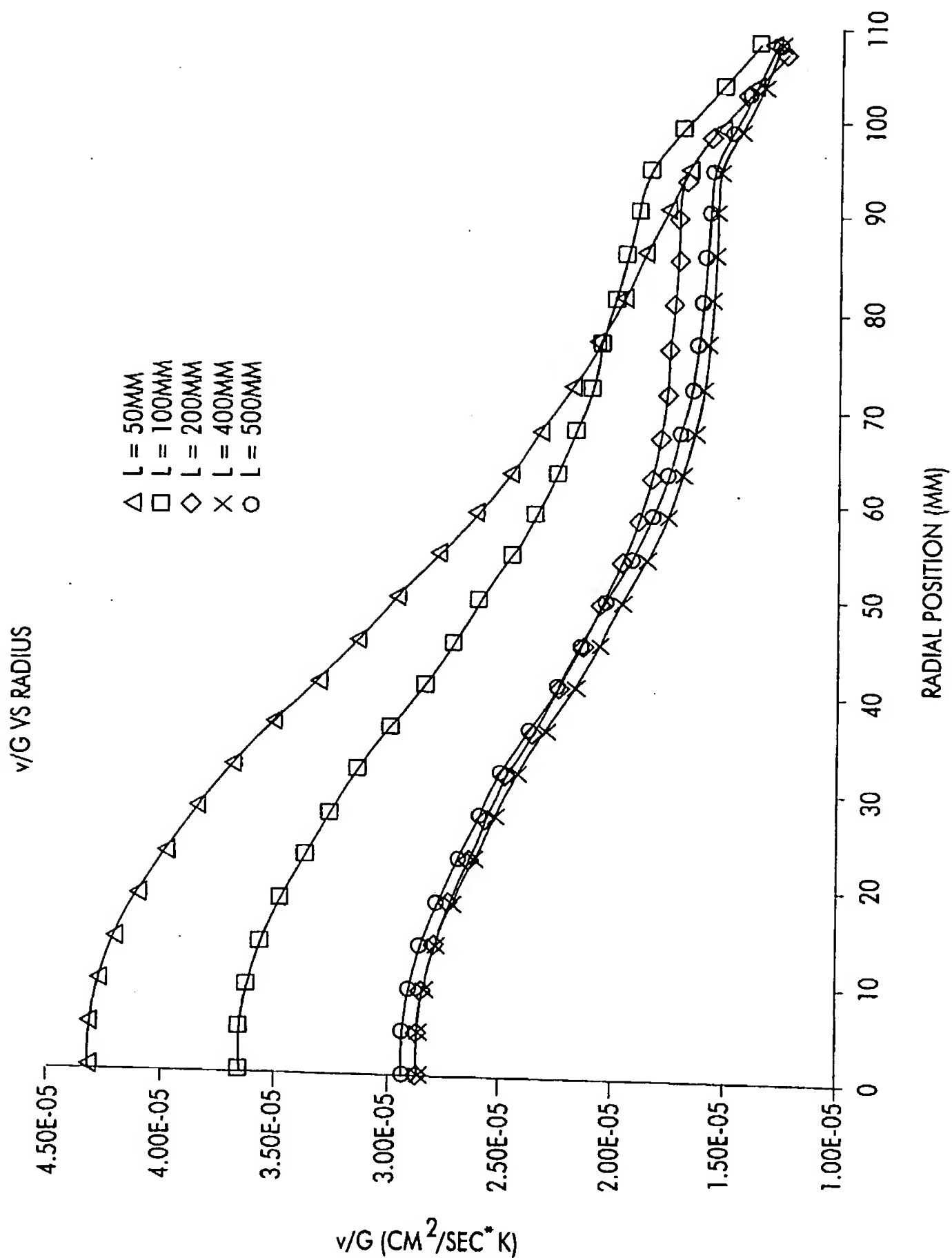
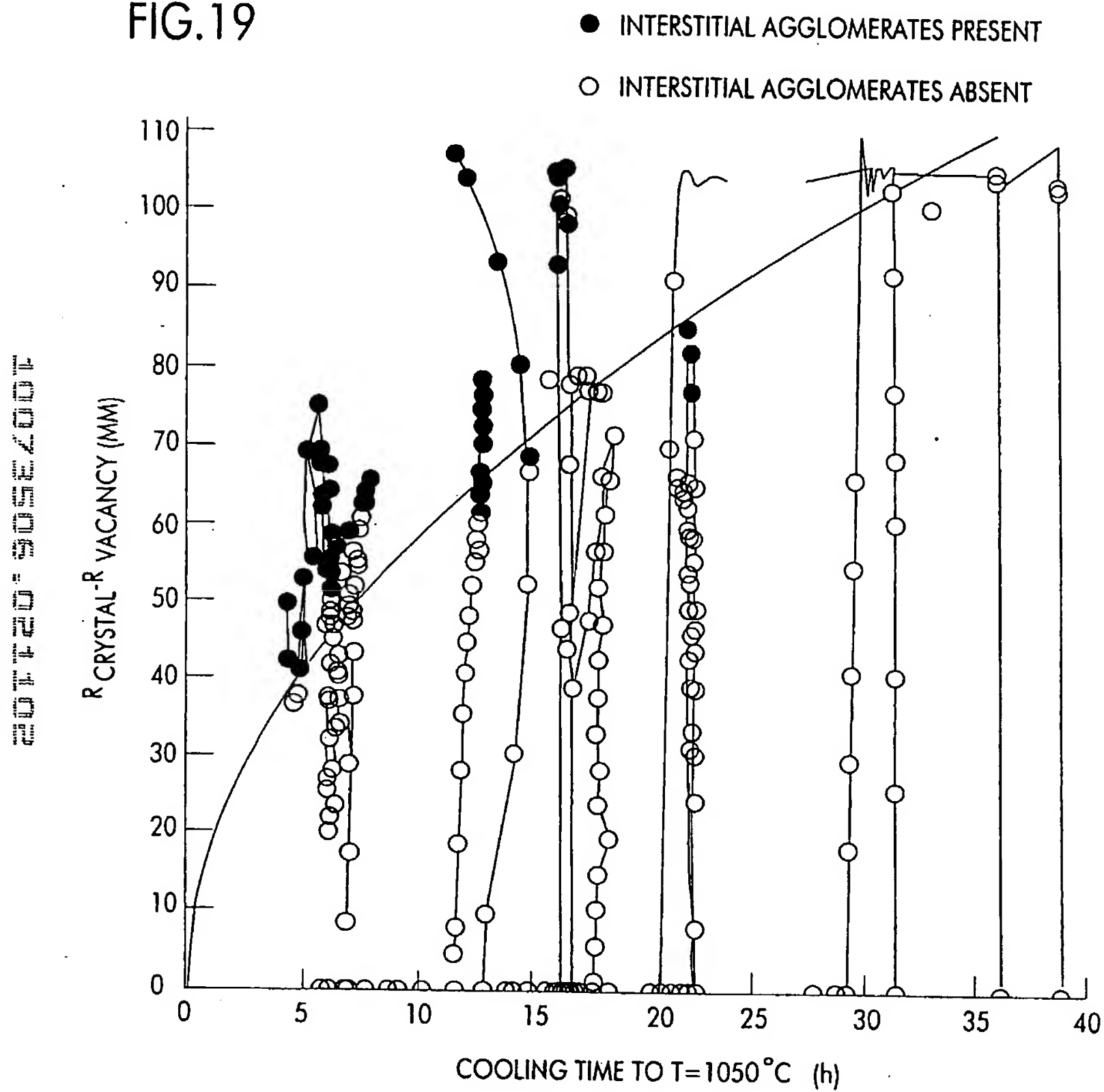


FIG.19



O.G.F. 5
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REF ID: A66200

FIG. 20

AXIAL
POSITION

V/I BOUNDARY, 2 (VACANCY
DOMINATED, 8
PULL RATE

235 mm

255 mm

0.4 mm/min.



AGGLOMERATED
INTERSTITIAL DEFECTS, 28

350 mm

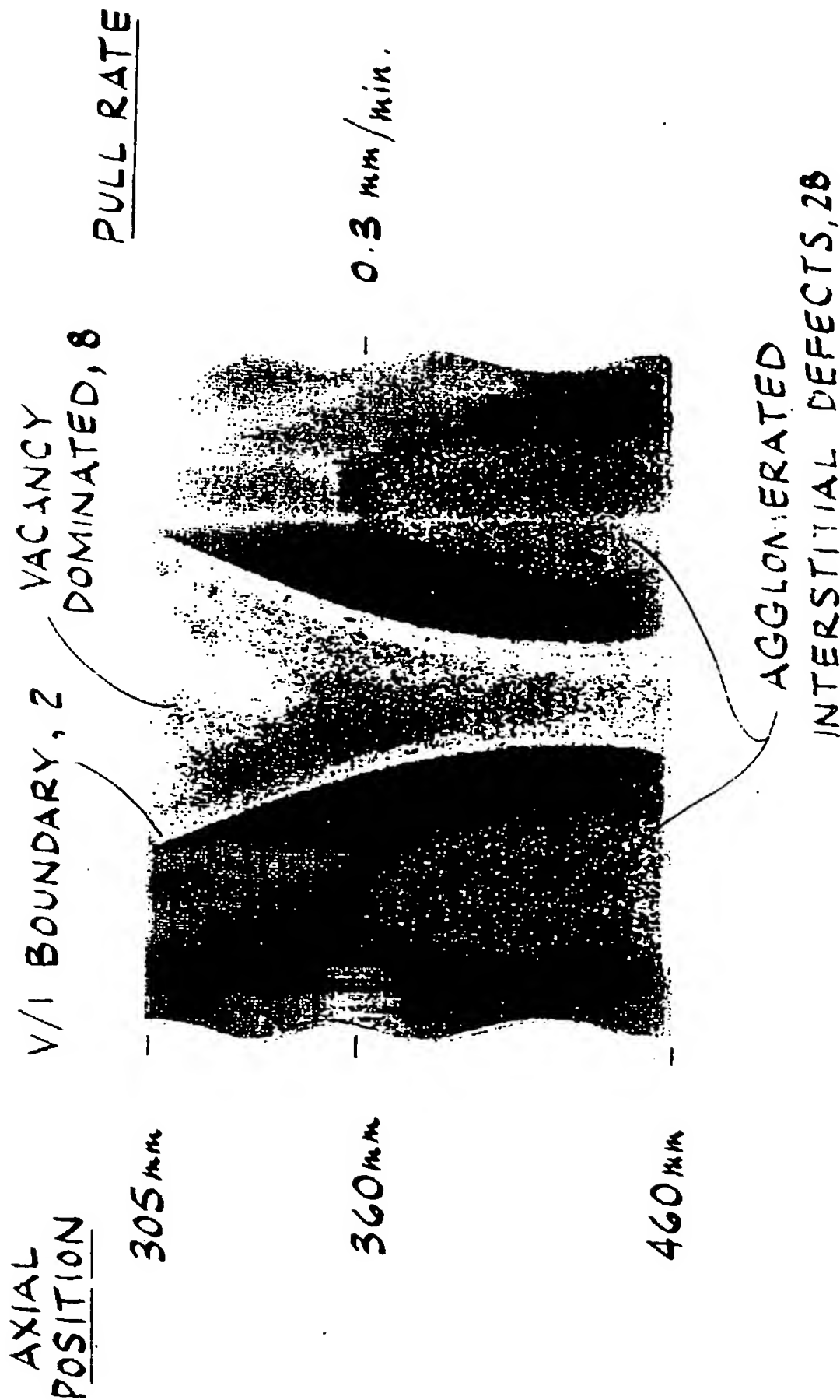
0.6- Fig: 5
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FIG. 21



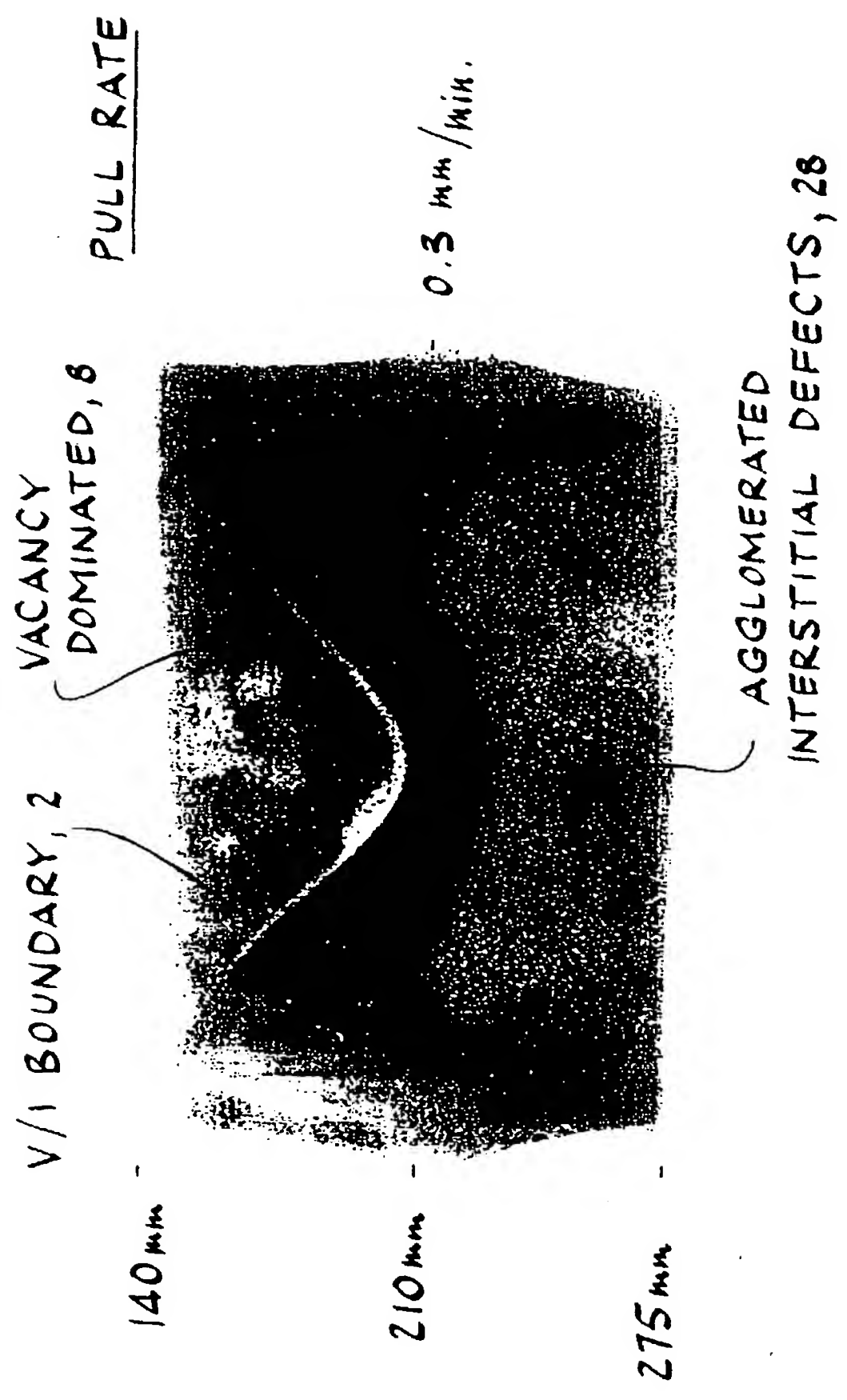
06.Fig: 5
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ETCHED SECTION

FIG. 22

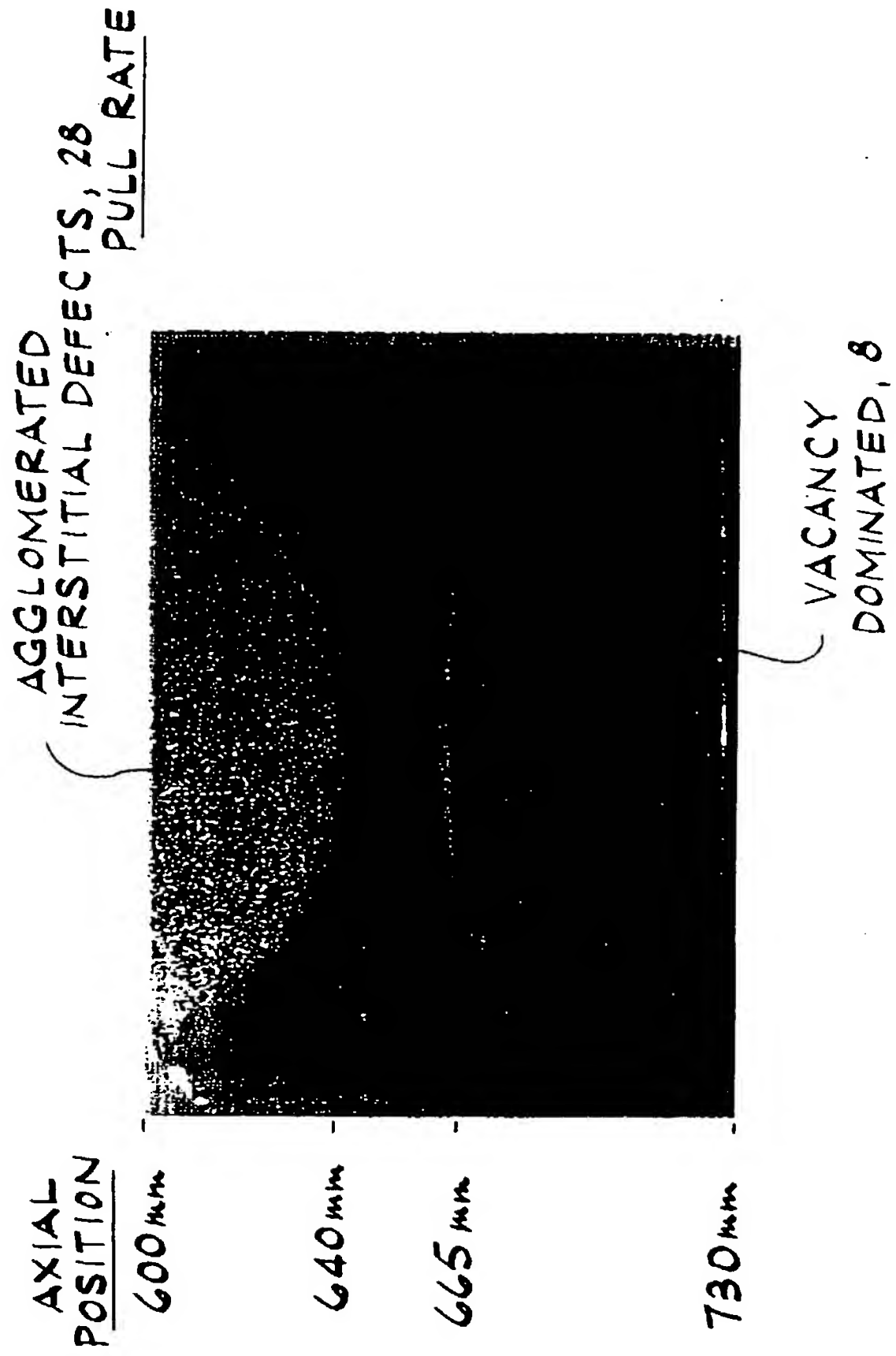


O.G. Fig: 5
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FIG. 23

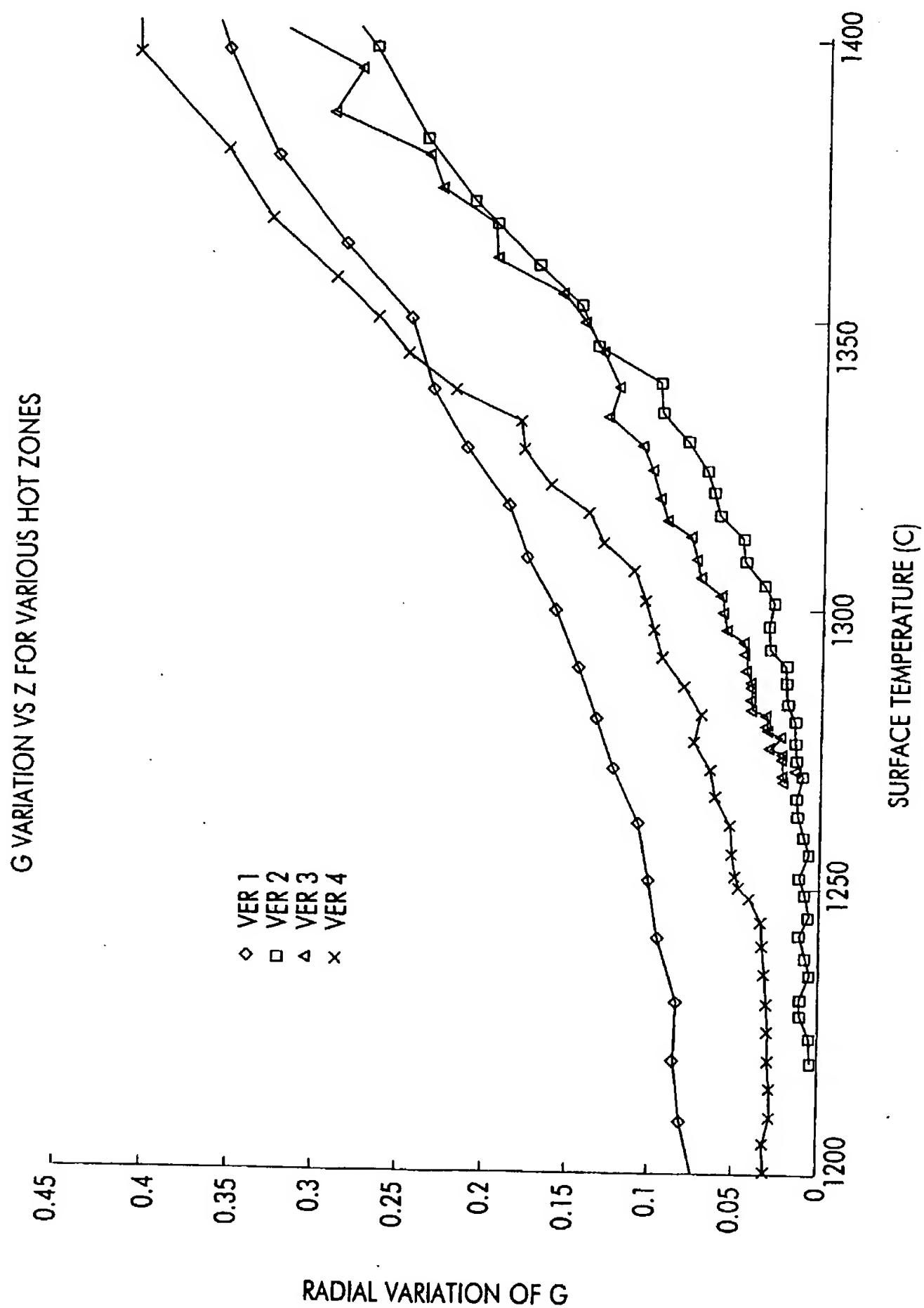


O.G. Fig: 5
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REF ID: A55400

FIG.24



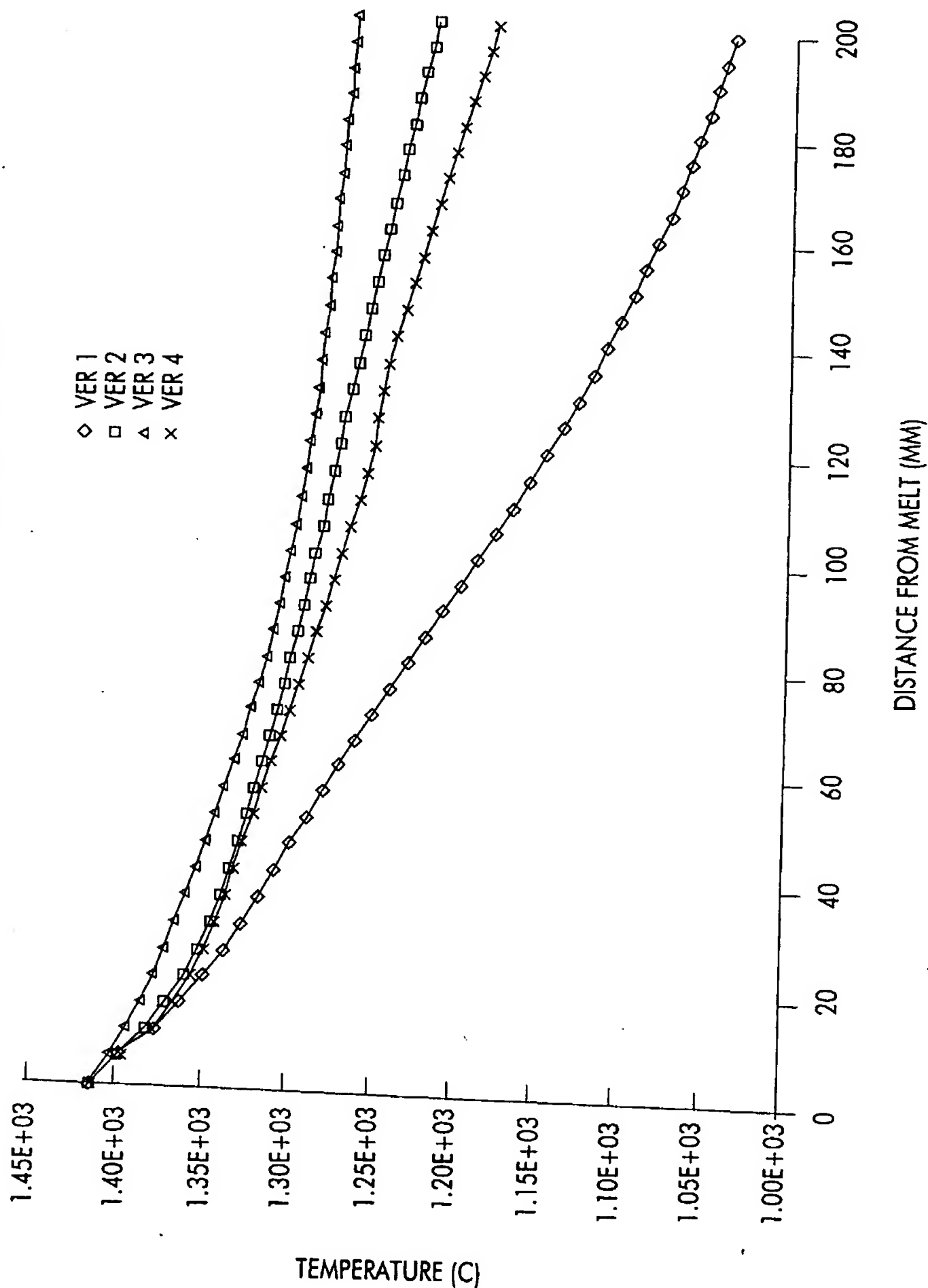
O.G. Fig: 5
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FIG.25

TEMPERATURE PROFILES FOR VARIOUS HOT ZONES



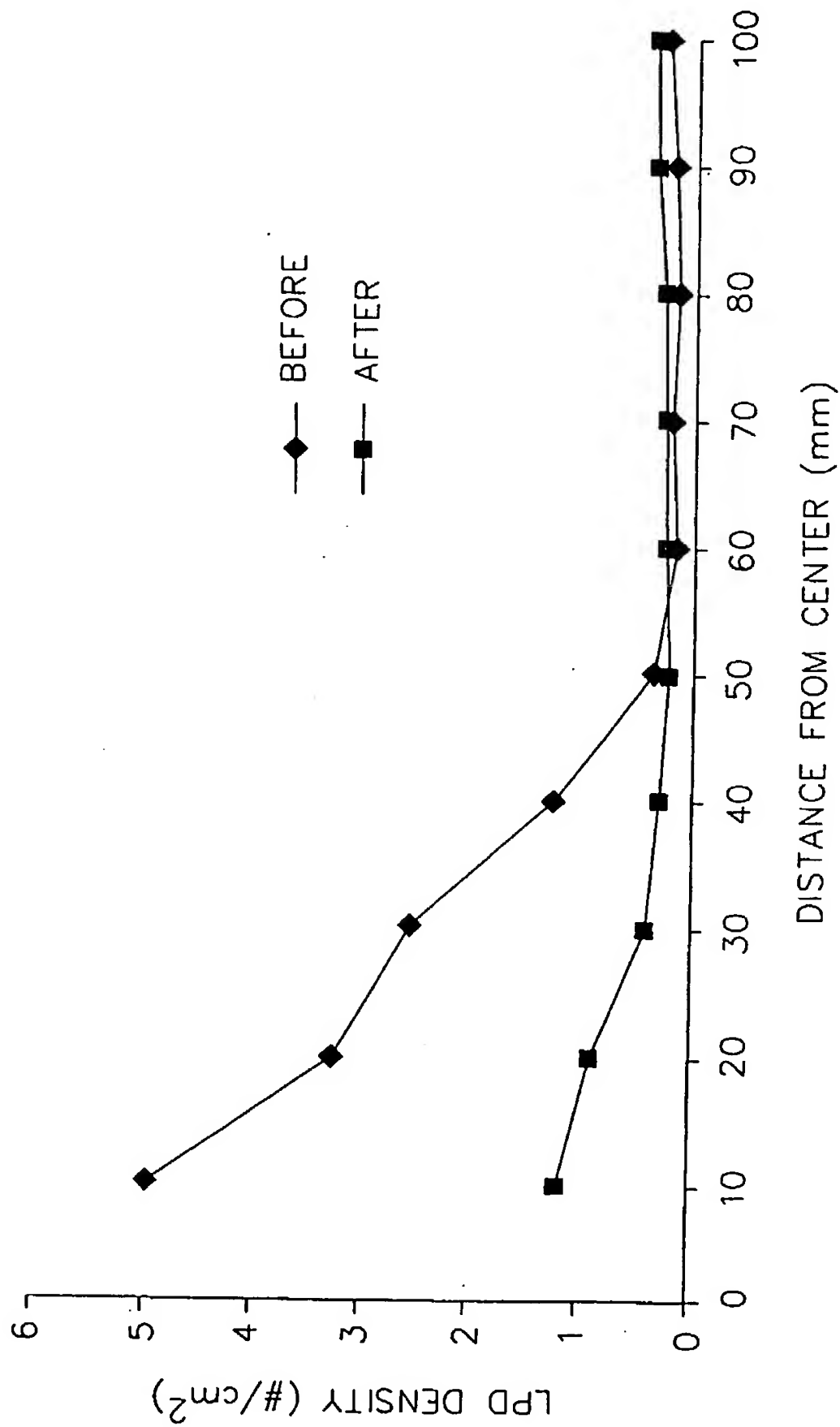
O.G. Fig: 5
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REF: 9052001

FIG. 26

LPD RADIAL DISTRIBUTION
BEFORE/AFTER Ar ANNEALING (LPDs > 0.09 μm)



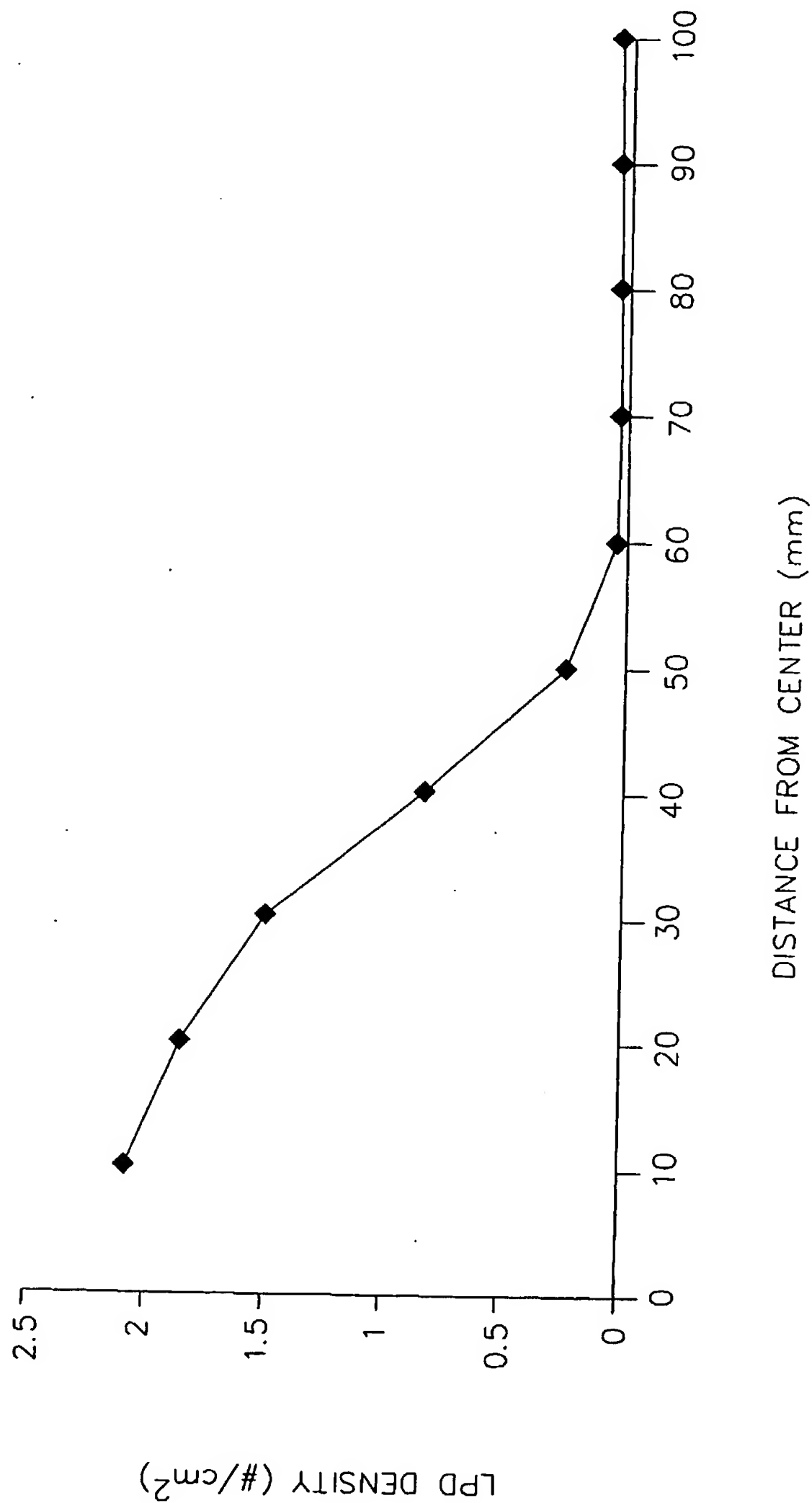
O.G. Fig = 5
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2011-05-20 11:20:00

FIG. 27

LPD RADIAL DISTRIBUTION
(BEFORE Ar ANNEALING: 0.09-0.11 μm)



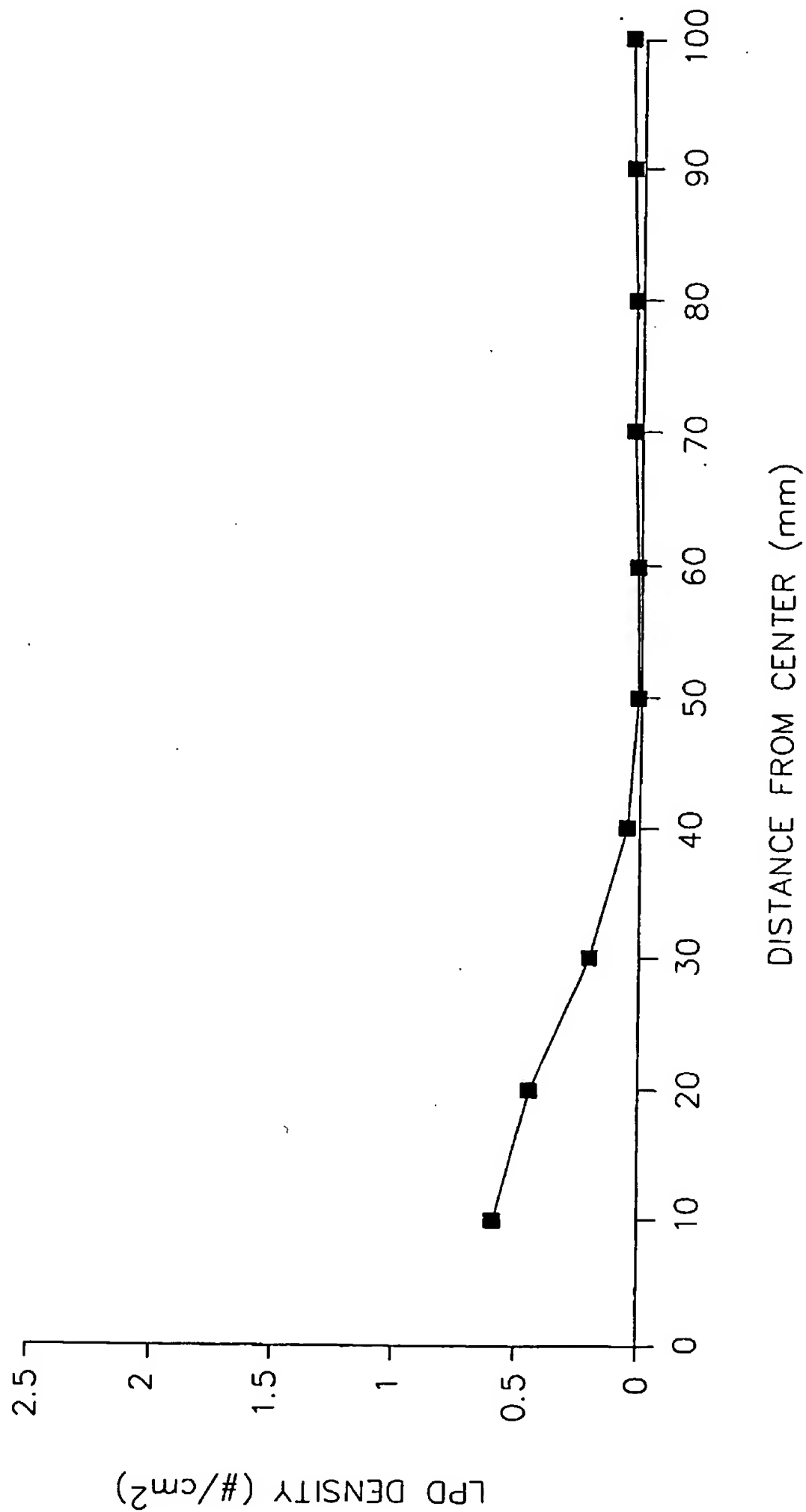
O.G. Fig. 5
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FIG. 28

LPD RADIAL DISTRIBUTION
(AFTER Ar ANNEALING: 0.09-0.11 μm)



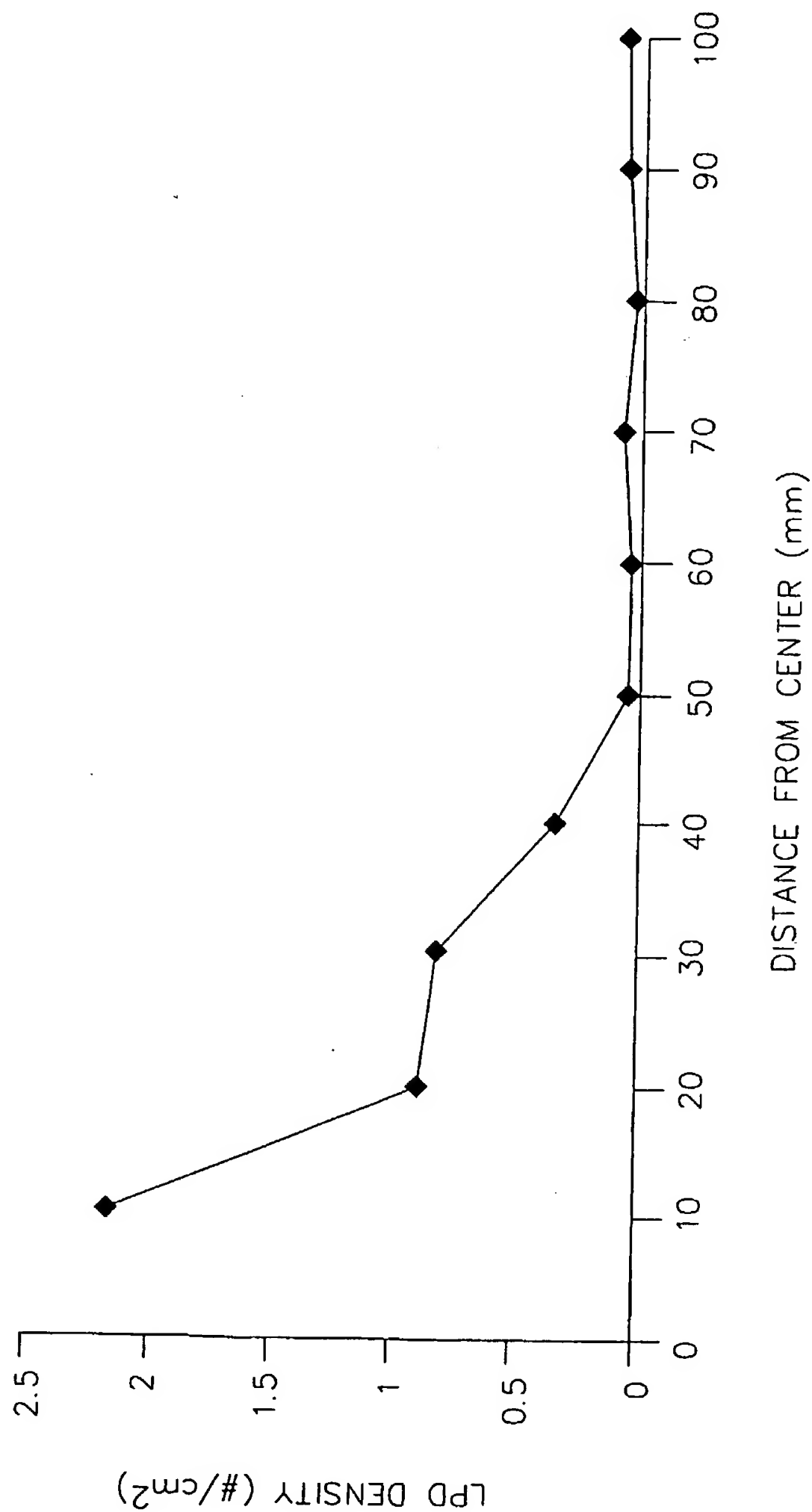
O.G. Fig: 5
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201720-30524001

FIG. 29

LPD RADIAL DISTRIBUTION
(BEFORE: 0.11-0.13 μm)



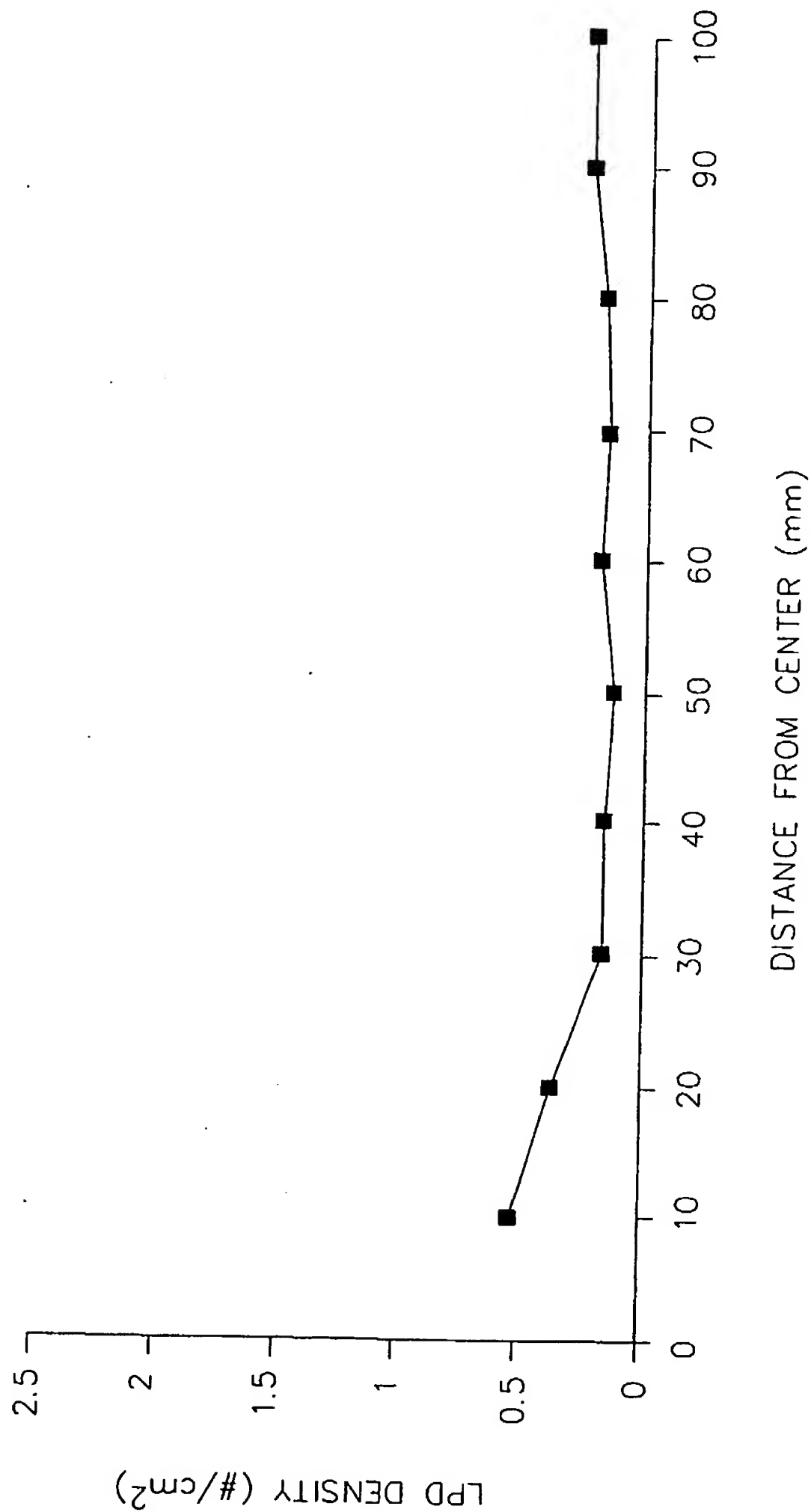
0.6-Fig: 5
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FIG. 30

LPD RADIAL DISTRIBUTION
(AFTER Ar ANNEALING: 0.11-0.13 μm)



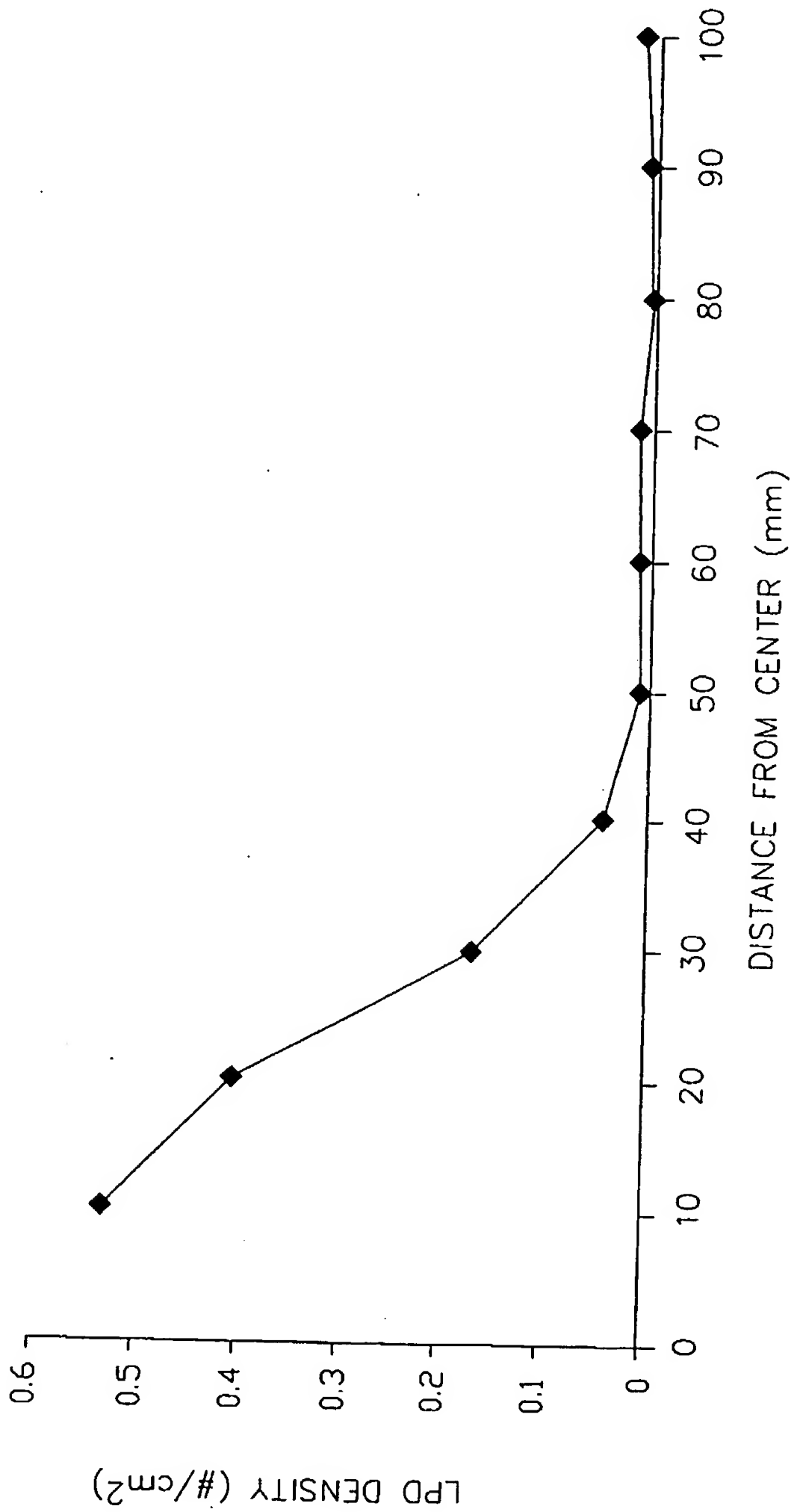
O.G. Fig: 5
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[illegible]

FIG. 31

LPD RADIAL DISTRIBUTION
(BEFORE: 0.13–0.15 μm)



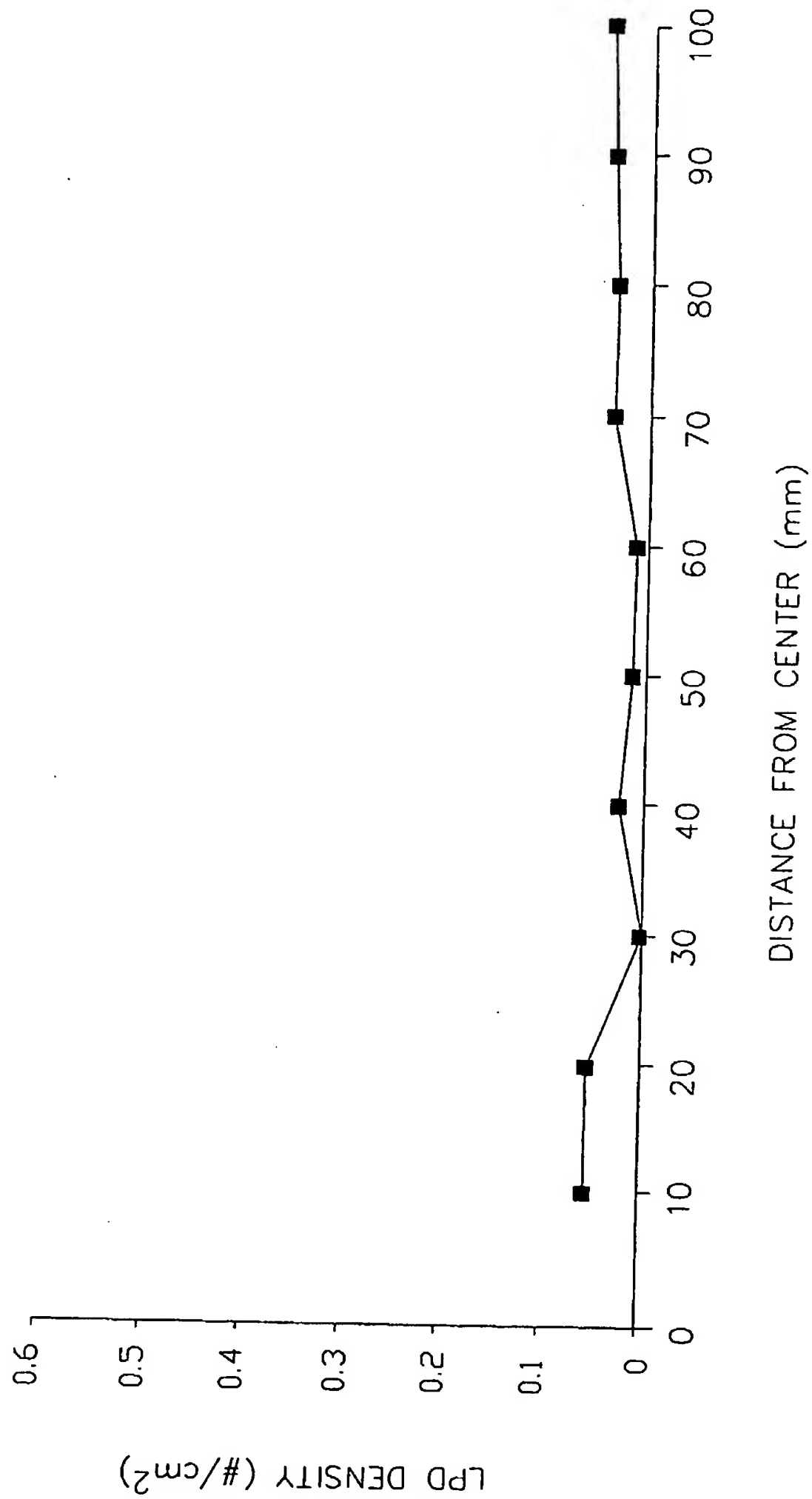
0.6. fig: 5
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FIG. 32

LPD RADIAL DISTRIBUTION
(AFTER Ar ANNEALING: 0.13-0.15 μm)



0.6. Fig: 5
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FIG. 33a

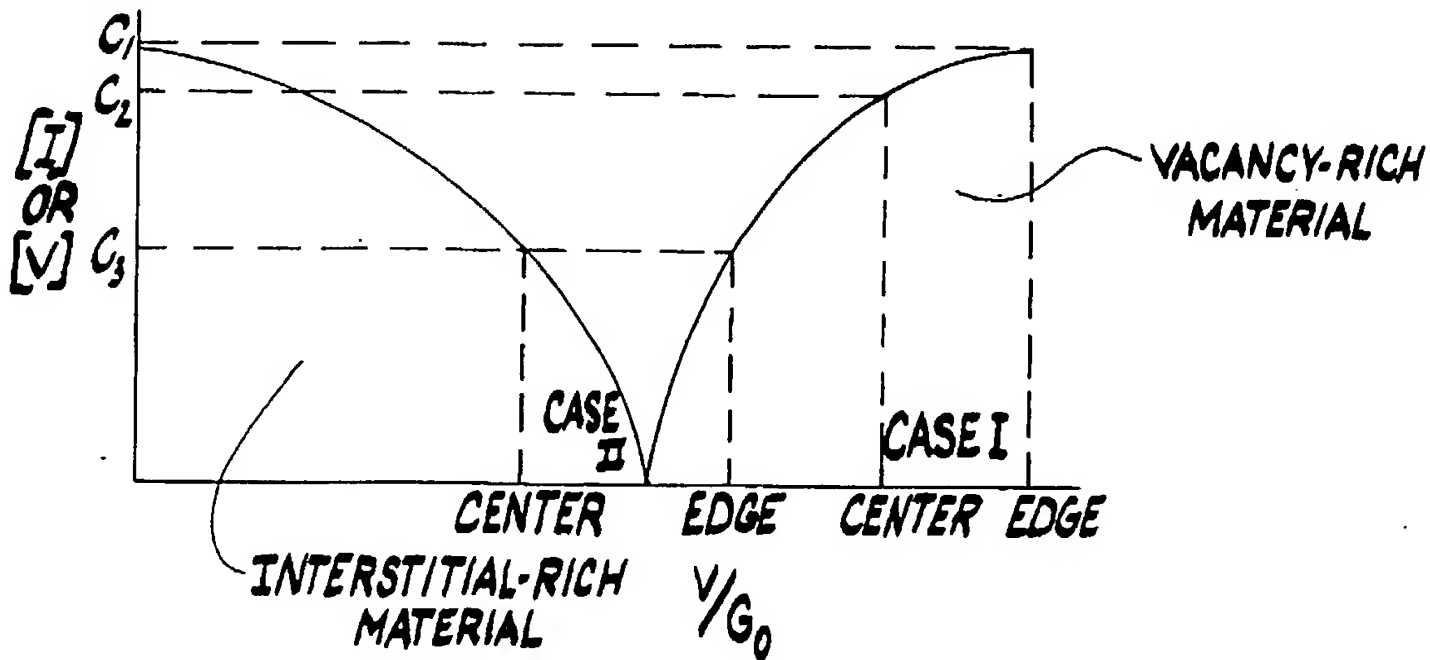


FIG. 33b

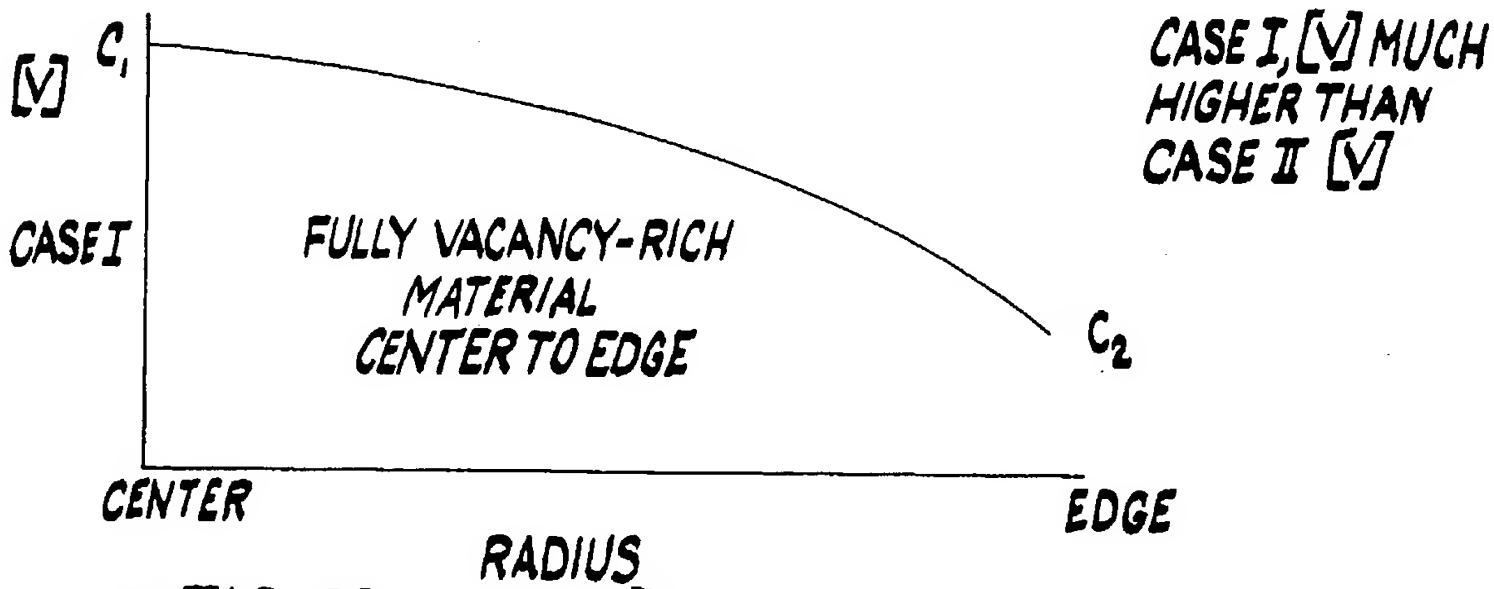


FIG. 33c

